STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF WATER RESOURCES

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BULLETIN No. 39-T

SOUTHERN CALIFORNIA AREA INVESTIGATION

GROUND WATER LEVELS AND PRECIPITATION RECORDS

IN

LOS ANGELES, SAN GABRIEL, AND SANTA ANA RIVER BASINS AND ANTELOPE VALLEY

AND

WATER SUPPLY SUMMARY

FOR SOUTHERN PORTION OF CALIFORNIA

1951

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GROUND WATER LEVELS AND PRECIPITATION RECORDS IN LOS ANGELES, SAN GABRIEL, AND SANTA ANA RIVER BASINS AND ANTELOPE VALLEY AND WATER SUPPLY SUMMARY FOR SOUTHERN PORTION OF CALIFORNIA

1951

CHAPTER I. INTRODUCTION

This report is the twenty-first of a series begun in 1932 with the publishing of Bulletin No. 39, "South Coastal Basin Investigation, Records of Ground Water Levels at Wells".

The series of bulletins present by years basic hydrologic data collected by numerous agencies and made available to the Division of Water Resources for publication. The area covered and types of data included have been expanded from time to time to bring together additional available data for use in the study of water problems in the southern portion of California.

Data presented in this report reveal that 1950-51 was the seventh consecutive season of subnormal precipitation in the southern portion of the State. During the seven-year period 1944-45 through 1950-51, the accumulated deficiency in precipitation at Los Angeles was 38.67 inches. The mean seasonal depth of precipitation at this station is 15.43 inches. This deficiency in precipitation has been accompanied by subnormal runoff

in southern California streams, with the 1950-51 flow of San Gabriel River near Azusa amounting to only 8.6 per cent of the long-time mean.

These seven years of deficient rainfall, coupled with a continued, rapid increase in industrial development and population, has effected an increase in importations and utilization of ground water reservoirs. Overdraft now prevails in many ground water basins of the southern California area. Manifestations of overdraft include sea-water intrusion in coastal basins, increased pumping lifts, and dewatering of the peripheral margins of foothill basins. Storage in many surface reservoirs has also been depleted to a dangerous extent.

Water conditions became so critical in portions of San Diego County that a county-wide water conservation committee was formed in April, 1951, to publicize conditions and thereby prevent an anticipated increase in water consumption. The objectives of this committee were largely attained.

The threat of serious water supply shortage was alleviated, in part, by increased importations from Owens River and Mono Basin by the City of Los Angeles and from Colorado River by The Metropolitan Water District of Southern California. Approximately 167,000 acre-feet of Colorado River water were delivered during the fiscal year 1950-51, the maximum annual amount delivered to that date, and an increase of more than 12,700 acre-feet over the previous year. Approximately 73,900 acre-feet of Colorado River water were delivered to San Diego County Water Authority during this period. Eastern Municipal Water District, Chino Basin Municipal Water District, and Orange County Municipal Water District joined the Metropolitan Water District in 1951.

Authorization

The Legislature, by Chapter 832, Statutes of 1929, directed that "work of exploration, investigation and preliminary plans in furtherance of a coordinated plan for the conservation, development and utilization of the water resources of California" be carried out. As a result of this legislation, the Division of Water Resources published Bulletin No. 32 in 1930, and as a result of recommendations set forth therein, this Division was authorized to proceed with the Southern California Area Investigation - a continuing study of the water resources in the southern portion of the State. This report is one of a series prepared pursuant to that authorization.

Prior Reports

Water levels at selected wells in a portion of the South Coastal Area were published annually in Bulletins Nos. 39 through 39-I. Maps 1 through 8 accompanying Bulletin No. 39 show the locations of wells described in that report. The locations and descriptions of wells in San Jacinto and Antelope Valleys were first published in Bulletin No. 39-J, and are shown on Maps 9 through 11 of that report.

Seasonal precipitation data from United States Weather Bureau records and records at stations not included in Weather Bureau publications were first published in Bulletin No. 39-A and have been included in all subsequent bulletins of the series. Bulletin No. 39-A also included a map showing the location of precipitation stations for which records were published.

Since 1930, the Division of Water Resources has published numerous other bulletins under the afore-mentioned legislative authorization including data on water use, ground water levels, quality of water, value and cost of water for irrigation, water losses and evaporation, underground geology, and evaluation of overdraft on ground water basins. These bulletins are listed as follows:

California State Department of Public Works, Division of Water Resources. "South Coastal Basin, A Symposium". Bulletin No. 32. 1930.

California State Department of Public Works, Division of Water Resources. "Rainfall Penetration and Consumptive Use of Water in Santa Ana River Valley and Coastal Plain". Bulletin No. 33. 1930.

California State Department of Public Works, Division of Water Resources. "South Coastal Basin Investigation, Quality of Irrigation Waters". Bulletin No. 40. 1933.

California State Department of Public Works, Division of Water Resources. "South Coastal Basin Investigation, Detailed Analyses Showing Quality of Irrigation Waters". Bulletin No. 40-A. 1933.

California State Department of Public Works, Division of Water Resources. "South Coastal Basin Investigation, Value and Cost of Water for Irrigation in Coastal Plain of Southern California". Bulletin No. 43. 1933.

California State Department of Public Works, Division of Water Resources. "South Coastal Basin Investigation, Water Losses Under Natural Conditions from Wet Areas in Southern California". Bulletin No. 44. 1933.

California State Department of Public Works, Division of Water Resources. "South Coastal Basin Investigation, Geology and Ground Water Storage Capacity of Valley Fill". Bulletin No. 45. 1934.

California State Department of Public Works, Division of Water Resources. "South Coastal Basin Investigation, Overdraft on Ground Water Basins". Bulletin No. 53. 1947.

California State Department of Public Works, Division of Water Resources. "Southern California Area Investigation, Memorandum Report on Water Conditions in Antelope Valley in Kern, Los Angeles and San Bernardino Counties". February, 1955.

Scope of Report

Early reports of the Bulletin No. 39 series were concerned with water supply problems in the Santa Ana, San Gabriel, and Los Angeles River Valleys, and the West and South Coastal Basins. San Jacinto and Antelope Valleys were added to the area under study in 1944, and in 1948, the scope of the bulletins was expanded to include a general water supply summary for the southern portion of the State. This summary contained information on precipitation, runoff, reservoir storage, importations, water quality, and changes in ground water levels. Bulletin No. 39-T includes, in addition to a water supply summary for the period October 1, 1950, through September 30, 1951, a compilation of precipitation records for the period June 1, 1950, through June 30, 1951, and records of ground water levels for the 1951 calendar year.

The subject matter of this report is presented under the following chapter headings: (1) Introduction, (2) Water Supply, (3) Records of Ground Water Levels, and (4) Precipitation Records. Fifteen tables summarizing

water supply data are included with the text of Chapter II, and two plates pertaining to ground water data are bound at the end of the report.

CHAPTER II. WATER SUPPLY

Precipitation

As previously stated, 1950-51 was the seventh consecutive season of subnormal rainfall, with the amounts recorded at United States Weather Bureau stations in Los Angeles and San Diego being only 49 per cent and 57 per cent of normal, respectively.

Precipitation indices for selected areas in southern California during the season from July 1, 1950, through June 30, 1951, are shown in Table 1. These indices are arithmetical averages of the precipitation indices for several stations within the area, and are based on the 50-year mean for the period 1897-98 through 1946-47. Seasonal precipitation records for individual stations are tabulated in Chapter IV.

TABLE 1

PRECIPITATION INDICES FOR SELECTED AREAS
IN SOUTHERN CALIFORNIA
1950-51

Area	Index
Bear Valley	50
Chino	48
Coastal Plain	52
Riverside	46
San Bernardino	54
San Diego*	57
San Fernando Valley	51
San Gabriel Valley	51

* United States Weather Bureau Station, Lindbergh Field, San Diego.

Runoff

As might be expected, the subnormal precipitation occurring in the 1950-51 season resulted in subnormal runoff in southern California streams for the seventh consecutive year. The amount of runoff wasting to the ocean was the smallest recorded for over a decade. The combined discharge to the ocean from Los Angeles and San Gabriel Rivers in 1950-51 was 38,020 acre-feet, which was the smallest amount wasted from these streams

since 1935-36. Less than one hundred acre-feet of water wasted to the ocean from the Santa Ana River watershed.

The natural flow of Santa Ana River near Mentone during the water year 1950-51 was 19 per cent of the long-time mean. Estimates of unimpaired runoff from other mountainous areas in southern California, together with a comparison of mean, maximum, and minimum runoff, are presented in Table 2.

TABLE 2

ESTIMATED SEASONAL NATURAL RUNOFF AT SELECTED STATIONS IN SOUTHERN CALIFORNIA

In Acre-Feet

Station	Period of record	1950-51	Mean[a]	Maximum[b]		Minimum[b]	
				Season	Amount	Season	Amount
Matilija Creek at Matilija	1927 to date	1,260	28,200	1940-41	125,300	1950-51	1,260
Sespe Creek near Fillmore	1934 to date	3,520	93,900	1940-41	376,000	1950-51	3,520
Piru Creek near Piru	1911-13; 1927 to date	2,410	53,700	1940-41	226,000	1898-99	900
Arroyo Seco near Pasadena	1910 to date	540	7,300	1921-22	25,400	1898-99	160
San Gabriel River near Azusa	1894 to date	10,490	122,000	1921-22	410,000	1898-99	9,620
Santa Ana River near Mentone	1896 to date	13,090	70,600	1915-16	280,000	1950-51	13,090
San Jacinto River near San Jacinto	1920 to date	2,070	28,900	1915-16	124,000	1950-51	2,070
Santa Ysabel Creek near Mesa Grande	1912-28; 1936 to date	830	15,200	1915-16	95,200	1950-51	830

a. Mean for period 1894-95 through 1946-47.
b. Indicated maxima and minima are recorded or estimated values for period 1894-95 to date.

Storage in Surface Reservoirs

Water in storage in surface reservoirs in the southern portion of the State was depleted to a critical degree during the water year 1950-51, with City of San Diego reservoirs, which contain some imported Colorado River water, being only about 13 per cent full on September 30, 1951. Storage in Lake Henshaw amounted to less than one per cent of the total reservoir capacity, and storage in most other surface reservoirs in southern California generally averaged less than 10 per cent of their total storage capacity.

During 1950-51, Lake Elsinore, part of a scenic recreational area, became dry. However, in the Colorado Desert Area, the water surface of the Salton Sea continued to rise during the year, being 238.8 feet below sea level on September 30, 1951, or 1.2 feet higher than a year previous. The continued rise of the surface of the Salton Sea, a result of drainage from Colorado River water applied in Coachella and Imperial Valleys, has resulted in litigation involving inundated shore property.

Table 3 lists amounts in storage for 21 reservoirs in, or supplying water to, southern California on September 30, 1951.

TABLE 3

STORAGE IN SELECTED SURFACE RESERVOIRS IN, OR SUPPLYING WATER TO, SOUTHERN CALIFORNIA

Reservoir	Usable capacity, in acre-feet	Usable water in storage on September 30, 1951	
		In acre-feet	In per cent of usable capacity
Grant Lake on Rush Creek	47,520	34,830	73
Long Valley Reservoir on Owens River	183,500	146,100	80
Haiwee Reservoir in Rose Valley	58,520	50,710	87
Bouquet Reservoir on Bouquet Creek	36,500	30,680	84
Lake Mead on Colorado River	27,207,000	19,118,000	70
Santiago Reservoir on Santiago Creek	25,000	720	3
Bear Valley Reservoir on Bear Creek	72,400	1,400	2
Lake Hemet on San Jacinto River	13,350	560	4
Vail Reservoir on Temecula Creek	49,520	3,080	6
Lake Henshaw on San Luis Rey River	194,300	180	0
San Dieguito Lake on a tributary of Escondido Creek	590	430	73
Lake Hodges on San Dieguito River	31,450	1,280	4
San Vicente Lake on San Vicente Creek	86,940	32,800	38
El Capitan Lake on San Diego River	115,800	3,790	3
Murray Lake in Chapparel Canyon	5,230	2,030	39
Lake Loveland on Sweetwater River	25,250	920	4
Sweetwater Reservoir on Sweetwater River	27,690	4,540	16
Morena Lake on Cottonwood Creek	49,250	0	0
Barrett Lake on Cottonwood Creek	41,740	0	0
Upper Otay Lake on Proctor Valley Creek	2,420	0	0
Lower Otay Lake on Otay River	53,590	1,920	4

Importations

The City of Los Angeles aqueduct system, originating in Mono Basin and terminating in San Fernando Valley, conveyed 304,300 acre-feet of water during 1950-51, or 76 per cent of the water imported, purchased, or produced locally by the City in that year.

Approximately 66,400 acre-feet of softened and 100,700 acre-feet of unsoftened Colorado River water were delivered by The Metropolitan Water District of Southern California in fiscal year 1950-51, including 73,900 acre-feet of unsoftened water supplied to San Diego County Water Authority. In August, 1951, 28,775 acre-feet of Colorado River water were delivered, establishing a new record for maximum monthly delivery. Of the Metropolitan Water District's right to waters of the Colorado River, amounting to 1,212,000 acre-feet per year, approximately 16 per cent, or 188,100 acre-feet, was diverted at Lake Havasu during the year.

The service area of the Metropolitan Water District was enlarged in 1951, with the annexation of Eastern Municipal Water District, comprising an area of about 55,000 acres; Chino Basin Municipal Water District, comprising an area of approximately 59,000 acres; and Orange County Municipal Water District, comprising an area of about 200,000 acres. Following the annexation of these areas, the Metropolitan Water District consisted of 20 cities and districts. In August, 1951, the assessed valuation of these annexed areas was estimated to be approximately 370 million dollars, compared to an estimated total assessed

valuation of the Metropolitan Water District, excluding these areas, of a little over four and two-thirds billion dollars.

A portion of the imported Colorado River water was released to Santa Ana River above Fedley and spread at artificial recharging grounds near Olive to replenish the ground water supply of Orange County. Orange County Water District and Orange County Flood Control District purchased approximately 28,500 acre-feet of unsoftened Colorado River water during the water year 1950-51 for this purpose.

Quality of Water

In general, ground and surface water quality remained suitable for domestic, industrial, and agricultural uses in 1951, except, as stated, sea water has intruded into aquifers in general coastal basins, resulting in the degradation of ground water quality, and in some cases, the abandonment of wells. Intrusion is evident in the following ground water basins:

1. Oxnard Plain Basin
2. West Coast Basin
3. East Coastal Plain Pressure Area
4. Santa Margarita Valley
5. San Luis Rey Valley
6. Mission Valley

More detailed information concerning sea-water intrusion is presented hereinafter in this chapter under the heading, "Changes in Ground Water Levels".

Tables 4 and 5 present analyses of samples from selected surface sampling stations and wells in southern California.

TABLE 4

MINERAL ANALYSES OF SURFACE WATER
AT SELECTED STATIONS IN SOUTHERN CALIFORNIA

Station number	Station	Date sampled	EC x 10^6 at 25°C.	Mineral constituents, in parts per million								Total hardness as $CaCO_3$, in ppm	Per cent Na
				Ca	Mg	Na+K	HCO_3	SO_4	Cl	NO_3	B		
S7733	Big Rock Creek SE. of Pearblossom, and about 300 feet upstream from confluence with Pallett Creek	5- 1-51	646	76	26	20	266	86	8	4	0.08	297	13
619-95.	Mojave River NW. of Victorville and about 0.2 mile SE. of U.S. Highway No. 91 bridge	9-17-51	392	36	8	34	156	30	29	1	0.00	123	38
43-10.0	Santa Clara River NE. of Saticoy and about 1.7 mile upstream from Los Angeles Ave. bridge.	12- 5-51	1480	144	52	165	264	552	78	9	0.7	576	38
S2771-G-10	Los Angeles River NE. of Los Angeles at Figueroa St.	5- 2-51	---	100	44	162	230	268	180	---	---	430	45
S2927-I-13	Rio Hondo NE. of Montebello about 0.1 mile upstream from San Gabriel Blvd. bridge	1-23-51	550	54	16	45	244	38	35	8	0.06	201	33
S2947-I-13	San Gabriel River SW. of El Monte, and 0.5 mile upstream from Whittier Narrows Dam	3- 9-51	300	43	8	19	183	38	3	4	0.00	140	23

MINERAL ANALYSES OF SURFACE WATER
AT SELECTED STATIONS IN SOUTHERN CALIFORNIA
(continued)

Station number	Station	Date sampled	ECx10^6 at 25°C.	Mineral constituents, in parts per million								Total hardness as $CaCO_3$, in ppm	Per cent Na
				Ca	Mg	Na+K	HCO_3	SO_4	Cl	NO_3	B		
S18260-G-32	Mill Creek E. of Mentone, at Southern California Edison Company Plant No. 2	8-20-51	270	24	10	17	152	9	5	2	0.04	102	28
S18001-G-28	Warm Creek San Bernardino, at "E" St.	8-20-51	560	69	13	49	250	54	18	8	---	225	32
S16933-J-24	Santa Ana River W. of Riverside at Pedley Road	1-16-51	730	88	20	67	287	79	74	19	0.04	302	33
914-20.0	Santa Margarita River N. of Fallbrook, about 0.5 mile downstream from confluence with Sandia Creek	5- 7-51	1109	75	24	130	324	94	142	0	0.16	284	50
915-28.0	San Luis Rey River SE. of Pala at Pala Diversion Dam	5- 7-51	567	51	17	42	171	74	40	0	0.05	198	32

TABLE 5

MINERAL ANALYSES OF GROUND WATER
AT SELECTED WELLS IN SOUTHERN CALIFORNIA

Well number	Owner and location	Date sampled	EC x 10^6 at 25°C.	Mineral constituents, in parts per million								Total hardness as $CaCO_3$ in ppm	Per cent Na
				Ca	Mg	Na+K	HCO_3	SO_4	Cl	NO_3	B		
	Oxnard Forebay Basin												
2N/22W-14P1	**Gus Ferro Four miles NE. of Oxnard and 0.4 mile S. of Central Ave. and 25 feet E. of Vineyard Avenue.**	12-12-51	2020	226	76	134	281	763	98	20	0.8	880	25
	Oxnard Plain Basin												
1N/21W-29D1	R. L. Brooks Five miles SE. of Oxnard, and 0.2 mile W. and 25 feet S. of intersection of High-way No. 101 and Hueneme Road	3-19-51	---	118	33	94	269	336	43	---	---	430	31
	San Fernando Valley												
A-39b-E-7	Consolidated Rock Company Five miles NE. of Van Nuys, and 900 feet S. and 150 feet W. of intersection of Bradley Ave. and Tujunga Avenue	12-13-51	440	52	12	30	214	51	14	5	0.18	180	27
	Raymond Basin Area												
C-16-F-11	City of Pasadena Pasadena; 142 feet E. of Mentone Ave. and 118 feet N. of Manzanita St.	8- 8-51	---	50	15	30	224	37	16	7	---	183	26

MINERAL ANALYSES OF GROUND WATER
AT SELECTED WELLS IN SOUTHERN CALIFORNIA
(continued)

Well number	Owner and location	Date sampled	$EC \times 10^6$ at 25°C.	Mineral constituents, in parts per million								Total hardness as $CaCO_3$ in ppm	Per cent Na
				Ca	Mg	Na+K	HCO_3	SO_4	Cl	NO_3	B		
	Main San Gabriel Basin												
C-2h1h-H-13	J. H. Sotow Two miles S. of El Monte, and 200 feet S. of Fawcet Ave. near center line of Tyler Ave. extended	3- 9-51	670	100	20	23	311	93	18	3	0.01	332	13
	Montebello Forebay Area												
C-3h4r-K-12	Southern California Water Company One mile north of Norwalk, and 0.25 mile S. of Lakeland Rd. and 50 feet W. of Pioneer Blvd.	11-30-51	---	164	7	159[a]	444	192	156	10	---	439	44
	Central Coastal Plain Pressure Area												
C-3h7p-0-11	Lakewood Water and Power Company Four miles NE. of Signal Hill, and 240 feet S. of Rose Ave. and 480 feet W. of Clark St.	11-2-51	390	58	10	28	244	23	11	3	0.12	188	24
	West Coast Basin												
B-12On-N-10	Tidewater Associated Oil Company Four miles NW. of Long Beach, and 440 feet S. and 950 feet E. of intersection of Alameda St. and Sepulveda Blvd.	10-19-51	320	17	4	60	195	1	18	1	0.10	57	70

MINERAL ANALYSES OF GROUND WATER
AT SELECTED WELLS IN SOUTHERN CALIFORNIA
(continued)

Well number	Owner and location	Date sampled	EC x 10^6 at 25°C.	Mineral constituents, in parts per million								Total hardness as $CaCO_3$ in ppm	Per cent Na
				Ca	Mg	Na+K	HCO_3	SO_4	Cl	NO_3	B		
	Chino Basin												
D-1029-H-23	Nando Miglietta Seven miles E. of Ontario, and 300 feet S. of Slover Ave. and 600 feet E. of Wineville Ave.	5- 3-51	450	49	12	46	226	7	39	12	0.00	172	37
	Bunker Hill Basin												
E-36a-F-28	City of San Bernardino San Bernardino, 300 feet S. of Highland Ave. and 160 feet W. of Valencia Ave.	7-10-51	370	36	5	36	146	55	14	4	0.13	112	41
	Santa Ana Forebay Area												
C-1150a-N-17	Santa Ana Valley Irrigation Co. One mile SE. of Orange, and 0.37 mile N. of Fairhaven Ave. and 300 feet E. of Cambridge St.	4- 2-51	570	68	14	46	226	122	35	10	0.02	228	30
	East Coastal Plain Pressure Area												
C-1255-P-15	H. E. Chany Five miles NE. of Huntington Beach and 75 feet S. of Talbert Ave., and 100 feet W. of Ward St.	6-11-51	590	73	14	39	275	60	35	2	0.02	242	26

MINERAL ANALYSES OF GROUND WATER
AT SELECTED WELLS IN SOUTHERN CALIFORNIA
(continued)

Well number	Owner and location	Date sampled	ECx10^6 at 25°C.	Mineral constituents, in parts per million								Total hardness as $CaCO_3$ in ppm	Per cen Na
				Ca	Mg	Na+K	HCO_3	SO_4	Cl	NO_3	B		
	San Luis Rey Valley												
11S/4W-8N2	Pearl Jones San Luis Rey, 57 feet S. of Mission Rd. and 1100 feet SW. along Mission Rd. from intersection with Camp Pendleton Rd.	5-28-51	2020	134	50	246	299	153	465	2	0.14	538	50
	Tia Juana Basin												
19S/2W-4A5	California Water and Telephone Co. Three miles W. of San Ysidro, 720 feet W. of National Ave. and 1500 feet S. of Sunset Ave.	4-25-51	1940	99	47	233	283	139	407	0	---	442	54

a. Sodium constituent determined by computing difference between sum of anions and cations expressed in equivalent parts per million.

Changes in Ground Water Levels

Ground water level records presented in Tables 6 through 15 and fluctuations of ground water levels shown on Plate 2, for wells whose locations are indicated on Plate 1, illustrate that levels in some basins reached record lows in 1951 and remained below sea level in several coastal basins. A brief summary of ground water conditions in major basins in Antelope Valley and the South Coastal Area is presented hereinafter.

Antelope Valley

Steadily declining ground water levels in Antelope Valley indicate that net extractions have, in general, exceeded ground water replenishment for the past quarter century. Ground water level elevations decreased approximately five feet between the fall of 1950 and the fall of 1951, with levels in some areas observed to be as much as 280 feet below ground surface. Table 6 shows changes in ground water level elevations at 19 wells in the valley.

TABLE 6

CHANGES IN GROUND WATER LEVEL ELEVATIONS
IN ANTELOPE VALLEY

In Feet

Well numbers		R.P. elevation	Beginning of record	Water level elevations		Change in elevation	Date and extreme ground water level elevations of record	
Bulletin No. 39-J	Location			Fall 1950	Fall 1951		Maximum	Minimum
5N/10W- 7A	8826A	2,817	1938	2,674.8	2,667.5	- 7.3	3-15-45 2,699.4	11-15-49 2,667.2
5N/10W-26A	7700	3,155	1940	3,103.3	3,097.5	- 5.8	3-15-45 3,112.1	11- 9-51 3,097.5
5N/11W-10A	8787	2,836	1927	2,733.1	2,729.9	- 3.2	7-18-41 2,793.2	8-13-38 2,690.5
6N/ 8W-18A	10338	2,725	1939	2,562.5	2,564.1	+ 1.6	11-18-39 2,566.0	9- 7-45 2,562.5
6N/ 9W-31A	8934	2,832	1940	2,792.8	2,787.9	- 4.9	5-15-44 2,823.0	11- 5-51 2,787.9
6N/10W-20A	8831	2,637.6	1940	2,427.1	2,420.3	- 6.8	3-14-45 2,501.6	11- 5-51 2,420.3
6N/12W-24A	8690	2,587	1927	2,316.2	2,308.8	- 7.4	12- 5-28 2,399.0	10- 2-51 2,308.8
6N/13W-12A	9897	2,607.5	1940	2,356.2	2,354.5	- 1.7	5-31-40 2,373.8	12-11-51 2,354.5
7N/11W-24A	10101	2,433	1932	2,269.4	2,260.2	- 9.2	4- 8-32 2,359.6	10- 1-51 2,260.2
7N/12W-15C	11259B	2,348.5	Prior to 1924	2,269.5	2,263.3	- 6.2	Prior to 1924 2,356.5	9- 5-51 2,263.3
7N/13W-17A	11119	2,421.7	1937	2,282.0	2,276.5	- 5.5	3- 8-39 2,336.1	12- 7-51 2,276.5
7N/13W-35A	9864A	2,443.6	1937	2,230.8	2,220.6	-10.2	3- 8-39 2,313.8	12-18-51 2,220.6
8N/10W- 8C	11440B	2,318.6	1947	2,281.0	2,274.5	- 6.5	2- 2-48 2,289.9	10- 1-51 2,274.5
8N/11W-22A	11363B	2,318	1937	2,234.0	---	---	3-10-39 2,289.4	11-14-50 2,234.0
8N/12W-22A	11252	2,301.5	1910	2,272.6	2,267.7	- 4.9	1910 2,323.0	10- 3-51 2,267.7

CHANGES IN GROUND WATER LEVEL ELEVATIONS
IN ANTELOPE VALLEY

In Feet
(continued)

Well numbers		R.P. elevation	Beginning of record	Water level elevations		Change in elevation	Date and extreme ground water level elevations of record	
Bulletin No. 39-J	Location			Fall 1950	Fall 1951		Maximum	Minimum
8N/14W-12A	12389	2,472	1940	2,313.6	2,308.4	-5.2	11-24-42 2,358.4	12-19-51 2,308.4
8N/15W-36A	10976	2,786.5	1943	2,698.3	2,695.9	-2.4	12- 8-47 2,713.0	12- 3-51 2,695.9
8N/16W-18A	10791	2,995	1942	2,893.9	---	---	7-29-44 2,909.8	11-14-42 2,892.9
9N/13W-20A	12424	2,420	1921	2,326.7	2,325.8	-0.9	4-29-22 2,384.0	9-18-51 2,325.8

Santa Clara River Valley

Oxnard Forebay Basin. The lowest ground water level elevations of record were observed in this basin in 1951, with some levels dropping below sea level. About an eight-foot net drop occurred between the fall of 1950 and the fall of 1951. The Santa Clara Water Conservation District has spread approximately 212,500 acre-feet of water at artificial recharge grounds near Saticoy since 1927-28, although no water was spread in 1950-51.

Oxnard Plain Basin. Ground water levels underlying most of the area remained below sea level in 1951, and sea-water intrusion continued in the vicinity of Port Hueneme. The trough in the piezometric surface was observed to be two to three miles inland from the coast, with some

levels dropping to over 40 feet below sea level. From the fall of 1950 to the fall of 1951, observed ground water levels dropped approximately five feet. Ground water level elevations in the major basins in Ventura County are presented in Table 7.

TABLE 7

CHANGES IN GROUND WATER LEVEL ELEVATIONS
IN VENTURA COUNTY

In Feet

Well numbers		R.P. elevation	Beginning of record	Water level elevations		Change in elevation	Date and extreme ground water level elevations of record	
State	County			Fall 1950	Fall 1951		Maximum	Minimum
Ojai Valley								
4N/22W- 5L1	8-L- 5						4-28-41	9-11-51
4N/22W- 5L8	8-L- 5A	891.7	1924	622.8	579.7	-43.1	841.2	579.7
4N/23W- 1L1	7-L- 1	787.2	1927	764.9	763.3	- 1.6	4-28-41 785.1	10-20-30 761.7
Piru Basin								
4N/18W-19P1	20-M- 5	665.7	1947	472.1	449.1	-23.0	1- 2-47 560.7	12- 1-51 449.1
	19-N- 6						4-26-41	12- 7-51
4N/19W-25L4	19-N- 6A	583.0	1927	471.2	448.4	-22.8	573.4	448.4
Fillmore Basin								
3N/20W- 6J1	14-0 -3	307.5	1922	289.5	285.5	- 4.0	1- 9-39 302.8	8-17-51 285.5
4N/20W-36N2	16-N -5	376.4	1927	343.8	334.2	- 9.6	5- 6-41 379.9	12-13-51 334.2
Santa Paula Basin								
2N/22W- 2R1	10-R- 4	136.8	1923	38.8	26.5	-12.3	5-12-41 119.5	10- 5-51 26.5
3N/21W-11E2	13-0- 4	317.1	1929	226.2	210.4	-15.8	3-20-41 259.2	10-14-51 210.4
3N/21W-20M1	11-P- 1	231.1	1912	184.7	173.3	-11.4	5- 8-41 206.9	8-21-51 173.3
Oxnard Forebay Basin								
2N/21W- 6P1	11-R- 3	150.2	1930	47.9	47.0	- 0.9	3-17-47 139.1	9-27-51 47.0
2N/22W-23H1	10-S- 4							
2N/22W-23H2	10-S-10						4-26-44	11-14-51
2N/22W-23H3	10-S-15	109.8	1927	10.0	- 4.1	-14.1	78.6	- 4.1
2N/22W-23Q1	10-S- 6	102.2	1929	1.1	- 7.0	- 8.1	4-26-44 73.6	10-24-51 - 7.0

CHANGES IN GROUND WATER LEVEL ELEVATIONS
IN VENTURA COUNTY

In Feet
(continued)

Well numbers		R.P. elevation	Beginning of record	Water level elevations		Change in elevation	Date and extreme ground water level elevations of record	
State	County			Fall 1950	Fall 1951		Maximum	Minimum
Oxnard Plain Basin								
N/22W- 3F4	9-U- 9	54.5	1916	-16.5	-24.5	- 8.0	Flowing spring 1917 54.5	8-31-51 -24.5
N/22W-17C1	8-V- 1	20.1	1927	-14.5	-19.1	- 4.6	Flowing 1948 20.1	8-24-51 -19.1
N/22W-23J1	10-V- 4	26.0	1927	-33.2	-34.1	- 0.9	1- 6-28 25.8	7-16-51 -34.1
Simi Valley								
N/18W- 8C2	20-R- 6	746.4	1929	698.4	693.5	- 4.9	Flowing 1930 746.4	8-16-51 693.5
N/18W-12L3	22-R- 5	949.1	1929	765.9	---	---	11-13-29 826.3	9-19-49 760.7
Las Posas Valley								
N/20W-10R1	15-R- 3	370.8	1927	183.7	175.2	- 8.5	1-10-28 309.4	6-15-50 183.7
N/21W-16R1	12-S- 2	326.9	1927	65.1	47.9	-17.2	7-15-27 115.1	8- 6-50 47.9
Pleasant Valley								
N/21W-11G1	13-U-21	54.7	1936	-56.9	-74.7	-17.8	5-20-41 30.8	7-17-51 -74.7
N/21W-16A1	12-V- 2	29.7	1927	-40.2	-55.3	-15.1	Flowing 1927 30.2	8-15-51 -55.3
N/21W-35J1	12-T- 7	83.0	1931	-32.9	-44.0	-11.1	3-11-32 40.7	8-27-51 -44.0

San Fernando Valley

For the seventh consecutive year, depths to ground water in the San Fernando Valley increased. The observed average net drop in ground water levels at wells in the San Fernando Basin listed in Table 8 was about four feet during 1950-51.

TABLE 8

CHANGES IN GROUND WATER LEVEL ELEVATIONS
IN SAN FERNANDO VALLEY

In Feet

Well numbers		R.P. elevation	Beginning of record	Water level elevations		Changes in elevation	Date and extreme ground water level elevations of record	
Serial	Location			Fall 1950	Fall 1951		Maximum	Minimum
				Verdugo Basin				
A-98	3961	965.2	1931	881.0	895.0	+14.0	10-20-44 941.7	10-20-50 881.0
				San Fernando Basin				
A-15	4757A	791.2	1920	781.1	780.8	- 0.3	6-16-50 782.3	2-25-21 765.9
A-31	4855	903.0	1910	655.3	645.6	- 9.7	7-12-44 715.4	12- 8-31 641.9
A-62a	3620	769.9	1922	756.9	756.7	- 0.2	2-25-41 766.6	10-10-34 753.3
A-82	3804	633.9	1922	595.1	592.9	- 2.2	3-22-44 620.8	11- 7-51 592.9
A-90p	3872D	546.0	1928	508.0	498.4	- 9.6	4-18-41 542.9	11- 2-51 498.4

San Gabriel Valley

Raymond Basin Area. Since 1944, ground water levels have, in general, tended to stabilize in the northern portion of the Pasadena Subarea of the

Raymond Basin Area, although levels at some wells near the Raymond fault have risen over 100 feet. This lack of lowering in ground water levels is primarily due to increased application of imported waters, lack of substantial increase in sewage outflow, and the reduction of ground water extractions pursuant to Court order.

Ground water levels in Santa Anita Subarea also tended to stabilize during 1951, subsequent to dropping to a record low in 1949. No Colorado River water has been imported to this basin.

Main San Gabriel Basin. In general, ground water levels in the Main San Gabriel Basin have declined since 1944, with a net water level drop of 79 feet observed at well No. C-294a, "Baldwin Park Well", during this period, as shown on Plate 2. In some areas of the Basin, ground water level elevations in 1951 were the lowest of record, as indicated in Table 9.

TABLE 9

CHANGES IN GROUND WATER LEVEL ELEVATIONS
IN SAN GABRIEL VALLEY

In Feet

Well numbers		R.P.	Beginning	Water level elevations		Change	Date and extreme ground water level elevations of record	
Serial	Location	elevation	of record	Fall 1950	Fall 1951	in elevation	Maximum	Minimum
				Raymond Basin Area				
C-16a & b C-16	4043A	916.5	1904	663.0	661.2	- 1.8	5- 2-16 767.4	10-16-33 614.0
C- 99a C-130a C-130	4163	677.0	1900	476.7	483.0	+ 6.3	2-22-16 578.2	9-15-49 471.9
				Glendora Basin				
C-405	4355	950	1915	508.2	504.1	- 4.1	8- 1-17 652.0	11- 1-51 504.1
				Main San Gabriel Basin				
C-212	2903	283.0	1902	252.0	---	---	5- 6-16 273.2	10-27-50 252.0
C-241	4177	416.6	1919	264.3	253.4	-10.9	8-11-44 317.0	10-19-51 253.4
C-294 C-294a	3030F	387.7	1903	258.1	245.7	-12.4	5-19-16 329.1	11-28-51 245.7
C-312	3055	342.3	1928	258.5	245.6	-12.9	3-29-45 312.2	10-18-51 245.6
C-337	4329	657.0	1919	375.4	---	---	1919 437.0	11-23-33 362.8

Coastal Plain, Los Angeles County

Montebello Forebay Area. Ground water levels in this basin have steadily declined since 1947, with depths to ground water in 1951 being the greatest of record at some wells. This is a result of the drought conditions

accompanied by increasing water use in Montebello Forebay Area and in Central Coastal Plain Pressure Area, which is supplied largely by underflow from the Forebay. The ground water level elevation at well No. C-814, the hydrograph for which is shown on Plate 2, has dropped approximately 80 feet since 1947.

Central Coastal Plain Pressure Area. The afore-mentioned lowering of ground water levels in the Montebello Forebay Area and increasing extractions from the pressure area have resulted in a lowering of the piezometric levels in the Central Coastal Plain Pressure Area in recent years. Pressure levels remained below sea level in most of the area, with some levels having been below sea level since 1937. The piezometric surface at well No. C-926 was more than 75 feet below sea level in 1951, as shown on Plate 2, although in 1895, this well was flowing with an artesian head of 80 feet.

West Coast Basin. In 1951, the piezometric surface underlying the West Coast Basin was below sea level throughout the entire basin, resulting in the continuation of sea-water intrusion which was first observed in this basin in 1913. Observed pressure levels dropped about three feet from the fall of 1950 to the fall of 1951, with the trough in the piezometric surface being six to nine miles inland from Santa Monica Bay, and as much as 90 feet below sea level several miles northeast of Wilmington.

Underflow across the Newport-Inglewood uplift is the principal source of fresh water replenishment to this Basin. However, under existing conditions, extractions from the basin are largely being supplied from the seaward side of the trough.

Changes in ground water level elevations occurring in 1950-51 at 12 wells in Central Coastal Plain Pressure Area, Montebello Forebay Area, and West Coast Basin are presented in Table 10.

TABLE 10

CHANGES IN GROUND WATER LEVEL ELEVATIONS
IN COASTAL PLAIN, LOS ANGELES COUNTY

In Feet

Well number		R.P. elevation	Beginning of record	Water level elevations		Change in elevation	Date and extreme ground water level elevations of record	
Serial	Location			Fall 1950	Fall 1951		Maximum	Minimum
Montebello Forebay Area								
-814							4- 1-44	10- 1-51
-801b	1602E	181.7	1904	99.7	76.7	-23.0	164.7	76.7
-808b	1580D	196.0	1929	76.0	56.5	-19.5	5- 1-42 139.4	11-16-51 56.5
Central Coastal Plain Pressure Area								
-12n	2626D	87	1931	-73.0	-83.0	-10.0	2-15-32 27.0	9-16-51 -83.0
-51b	1413	140.6	1911	20.6	13.1	- 7.5	1911 115.6	11-19-51 13.1
-861	1589B	85.3	1903	32.2	28.1	- 4.1	12-19-03 83.3	8- 9-51 28.1
-894	1062	61.7	1925	- 7.8	-12.1	- 4.3	3-11-27 58.4	7-24-51 -12.1
-926	936	68.9	1895	-51.4	-76.6	-25.2	July 1895 148.5	8-13-51 -76.6
West Coast Basin								
-34i	1311A	40.0	1927	---	-44.5	---	April 1927 8.5	12- 7-51 -44.5
-90g	733B	109.1	1927	-27.5	-30.0	- 2.5	12-29-27 0.1	11-28-51 -30.0
-102m	793B	50.8	1910	-28.0	-31.8	- 3.8	1910 24.8	11-23-51 -31.8
-115g	858B	35.0	1924	-82.8	-90.4	- 7.6	4-11-24 -10.0	10- 1-51 -90.4
-136	381	8.0	1923	- 9.2	- 9.1	+ 0.1	3-20-23 4.0	12-14-50 - 9.2

Upper Santa Ana Valley

Bunker Hill Basin. Ground water level elevations at some wells were the lowest of record in1951. During the period from 1943 through 1951, water levels at well No. E-109 dropped approximately 75 feet, as depicted on Plate 2. From the fall of 1950 to the fall of 1951, depths to ground water in the Basin exhibited a net increase of about 14 feet.

Chino Basin. Ground water levels have, in general, steadily declined since 1945, with some levels dropping to record lows in 1951. Since 1931, the water level at well No. D-743z has dropped approximately 45 feet, although the level at well No. D-909 has only dropped about 13 feet during the same period, apparently due to the proximity of Santa Ana River, three miles to the south. Ground water level elevations at 14 wells in Upper Santa Ana Valley for the fall of 1950 and the fall of 1951 are listed in Table 11.

TABLE 11

CHANGES IN GROUND WATER LEVEL ELEVATIONS
IN UPPER SANTA ANA VALLEY

In Feet

Well numbers		R.P.	Beginning	Water level elevations		Change	Date and extreme ground water level elevations of record	
Serial	Location	elevation	of record	Fall 1950	Fall 1951	in elevation	Maximum	Minimum
				Live Oak Basin				
C- 595	4438	1,134.3	1905	966.9	968.0	+ 1.1	11-11-05 987.8	1-25-30 818.8
				Lytle Basin				
D-1188a	18724	1,455.9	1912	1,171.4	1,178.8	+ 7.4	6-16-16 1,458.2	11-13-50 1,171.4
				Devil Canyon Basin				
E- 10	18782	1,412.0	1918	1,235.3	1,224.7	-12.6	3-13-18 1,331.5	10-30-51 1,224.7
				Yucaipa Basin				
E- 136	18228	2,292.6	1927	2,155.1	2,147.2	- 7.9	5- 2-27 2,247.4	11-12-51 2,147.2
				Bunker Hill Basin				
E- 37	18827	1,130.3	1888	1,062.2	1,051.7	-12.5	1888 1,147.1	10-12-51 1,051.7
E- 107b	18075	1,206.9	1900	1,098.4	1,083.1	-15.3	3- 2-23 1,171.1	11- 9-51 1,083.1
E- 109	18080	1,150.2	1892	1,090.4	1,076.0	-14.4	Feb. 1894 1,153.2	12- 1-51 1,076.0
				Riverside Basin				
E- 75	179640	921.2	1915	873.8	863.2	-10.6	6-23-21 905.6	10-18-36 851.7
E- 192	17012	846.3	1928	771.6	767.3	- 4.3	2-28-28 783.8	9-17-34 761.2
				Chino Basin				
D- 727	17632	1,093	1929	700.7	695.9	- 4.8	7-31-29 748.0	12-12-51 695.9
D- 743z	3277A	746.0	1904	641.6	638.4	- 3.2	4-14-05 744.6	8- 2-51 638.4
D- 909	16791	659.0	1927	606.2	603.5	- 2.7	4-15-41 636.7	9-24-51 603.5

CHANGES IN GROUND WATER LEVEL ELEVATIONS
IN UPPER SANTA ANA VALLEY

In Feet
(continued)

Well numbers		R.P. elevation	Beginning of record	Water level elevations		Change in elevation	Date and extreme ground water level elevations of record	
Serial	Location			Fall 1950	Fall 1951		Maximum	Minimum
			Chino Basin (continued)					
D-1033	17772	1,046.8	1930	763.7	756.1	- 7.6	6- 7-30 781.5	11- 2-51 756.1
D-1044	17804	959.0	1912	765.9	762.7	- 3.2	4- 15-24 795.3	10- 1-51 762.7

Coastal Plain, Orange County

Santa Ana Forebay Area. During the 1950-51 water year, ground water levels continued to decline, with some levels dropping to record lows in the fall of 1951. Water levels at some wells have dropped over 110 feet since 1917, as illustrated on Plate 2. This general decline has resulted in ground water levels being below sea level in certain areas. As noted previously, approximately 28,500 acre-feet of Colorado River water were discharged into the Santa Ana River near Arlington during 1950-51 for spreading in Santa Ana Forebay Area.

East Coastal Plain Pressure Area. Pressure levels in the East Coastal Plain Pressure Area continued to decline in 1951, with levels dropping to 45 feet below sea level in the trough in the piezometric surface. The trough remained about midway between the coast line and the City of Santa Ana, and pressure levels were below sea level throughout most of the basin, permitting the intrusion of sea water to continue. Ground water level elevations at selected wells in these basins for the fall of 1950 and the fall of 1951 are shown in Table 12.

TABLE 12

CHANGES IN GROUND WATER LEVEL ELEVATIONS
IN COASTAL PLAIN, ORANGE COUNTY

In Feet

Well numbers		R.P. elevation	Beginning of record	Water level elevations		Change in elevation	Date and extreme ground water level elevations of record	
Serial	Location			Fall 1950	Fall 1951		Maximum	Minimum
				La Habra Basin				
C- 968	1746A	350.9	1922	293.7	292.6	- 1.1	11-23-43 307.4	2-26-3 280.2
				Yorba Linda Basin				
C-1097	15640	336.2	1922	151.4	150.7	- 0.7	8-31-22 198.5	1-26-3 140.8
				Irvine Basin				
C-1217a	13451	283.4	1927	3.1	- 3.2	- 6.3	12-12-27 67.4	9-21-5 - 3.2
				Santa Ana Forebay Area				
C-1056	15626A	201.2	1928	- 5.7	- 6.6	- 0.9	5-29-41 85.2	12- 5-5 - 6.6
C-1120	14521	153.5	1928	1.9	- 5.5	- 7.4	4-22-29 56.6	10-10-5 - 5.5
C-1129m	1189B	136.1	1898	- 5.7	-17.7	-12.0	2-22-1898 112.7	9-14-5 -17.7
				East Coastal Plain Pressure Area				
C- 909	1028B	25.4	1903	-34.0	-44.5	-10.5	12-19-24 40.8	7-31-5 -44.5
C- 991e	565A	17.4	1929	-23.4	-31.0	- 7.6	1-21-30 15.4	8- 8-5 -31.0
C-1160e	14484F	85.0	1941	-11.2	-15.5	- 4.3	1-11-45 28.9	9-14-5 -15.5
C-1243	13322	40.1	1904	9.2	8.5	- 0.7	1904 flowing 40.1	8-16-4 4.3
C-1257	13231	14.0	1922	-15.3	-21.9	- 6.6	6-29-22 17.6	8-14-4 -21.9

San Jacinto Basin

Depths to ground water observed in 1950-51 varied from approximately 10 feet near San Jacinto River, southeast of Moreno, to about 305 feet southwest of Valle Vista. Ground water levels underlying most of the Basin have declined for eight consecutive years, and northwest of Lakeview a general downward trend of water levels has been observed since 1915, as illustrated on Plate 2.

This ground water basin is principally replenished by natural stream bed percolation in San Jacinto River and by off-channel spreading in Riverside County Flood Control and Water Conservation District's artificial recharge grounds, northeast of Valle Vista. In 1950-51, no water was spread at these facilities due to the paucity of runoff. Changes in ground water level elevations at 15 wells in the San Jacinto Basin are presented in Table 13.

TABLE 13

CHANGES IN GROUND WATER LEVEL ELEVATIONS IN SAN JACINTO BASIN

In Feet

Well number Bulletin No. 39-J	R.P. elevation	Beginning of record	Water level elevations Fall 1950	Water level elevations Fall 1951	Change in elevation	Date and extreme ground water level elevations of record Maximum	Minimum
3S/2W-35A	1,429.2	1921	1,395.3	1,376.8	-18.5	2-26-24 1,429.0	5-24-49 1,368.9
3S/3W-22A	1,507.0	1906	---	1,425.8	---	4-7-42 1,467.1	8-12-48 1,425.4
4S/1W-15B	1,492	1915	1,418.8	1,411.8	- 7.0	Flowing prior to 6-12-45 1,492	10-3-51 1,411.8
4S/1W-29B	1,502.0	1921	---	---	---	3-15-22 1,495.8	6-9-49 1,452.5
4S/1W-36A	1,608.0	1904	1,474.4	---	---	Nov. 1915 1,583	1-24-51 1,474.4
4S/2W-7A	1,445.2	1904	1,345.4	1,344.5	- 0.9	5-28-12 1,417.0	8-1-51 1,344.5
4S/3W-32A	1,434.8	1904	1,366.5	1,362.2	- 4.3	6-20-05 1,403.1	5-10-40 1,358.7
4S/4W-1A	1,504.7	1904	1,459.4	1,457.1	- 2.3	5-23-46 1,464.5	5-5-16 1,456.2
5S/1E-14A	1,890	1939	1,695.1	1,685.4	- 9.7	4-8-42 1,854.3	12-5-51 1,685.4
5S/1W-2I	1,585.1	1905	1,476.4	---	---	10-18-12 1,530.2	8-25-50 1,476.4
5S/2W-24B	1,499.8	1914	1,452.8	1,454.0	+ 1.2	5-6-16 1,494.7	8-11-48 1,448.6
5S/2W-27E	1,476.9	1905	1,434.7	1,430.9	- 3.8	5-22-22 1,463.4	12-20-51 1,430.9
5S/3W-8A	1,412.4	1940	1,278.1	1,276.5	- 1.6	3-13-42 1,319.9	1-24-52 1,276.5
6S/2W-6B	1,438.5	1940	1,364.9	1,359.1	- 5.8	1-8-42 1,382.0	12-4-51 1,359.1

CHANGES IN GROUND WATER LEVEL ELEVATIONS IN
SAN JACINTO BASIN

In Feet
(continued)

Well number Bulletin No. 39-J	R.P. elevation	Beginning of record	Water level elevations Fall 1950	Water level elevations Fall 1951	Change in elevation	Date and extreme ground water level elevations of record Maximum	 Minimum
6S/3W-4A	1,438.3	1914	1,370.0	1,367.0	- 3.0	5-6-16 1,410.3	12-20-51 1,367.0

San Luis Rey Valley

Ground water levels underlying certain portions of the San Luis Rey Valley were 20 feet below sea level in 1951, with a net drop in levels of about five feet occurring from the fall of 1950 to the fall of 1951. Table 14 presents changes in ground water level elevations at seven selected wells.

TABLE 14

CHANGES IN GROUND WATER LEVEL ELEVATIONS IN SAN LUIS REY VALLEY

In Feet

Well number / State	R.P. elevation	Beginning of record	Water level elevations Fall 1950	Water level elevations Fall 1951	Change in elevation	Date and extreme ground water level elevations of record Maximum	Minimum
10S/2W-6F1	280.9	1937	269.9	266.8	- 3.1	4-14-41 276.3	11-26-51 266.8
10S/3W-11G1	240.1	1939	226.2	216.9	- 9.3	3-17-41 232.6	10-8-51 216.9
10S/3W-20P1	162.3	1920	147.0	146.2	- 0.8	3-17-41 156.3	10-8-51 146.2
11S/4W-5G1	59.6	1939	29.0	24.4	- 4.6	4-14-41 55.5	11-12-51 24.4
11S/4W-9E1	68.6	1940	24.5	17.6	- 6.9	4-14-41 62.1	11-12-51 17.6
11S/4W-18G1	36.4	1939	-12.7	-19.9	- 7.2	4-14-41 28.4	7-2-51 -19.9
11S/5W-13P2	24.4	1937	- 3.6	- 9.9	- 6.3	4-14-41 16.9	10-8-51 - 9.9

Tia Juana Basin

Ground water levels have dropped an average of approximately two feet during 1950-51 at the seven wells in the Tia Juana Basin listed in Table 15. Ground water level elevations in portions of the western half of the basin continued to be below sea level in the fall of 1951.

TABLE 15

CHANGES IN GROUND WATER LEVEL ELEVATIONS IN
TIA JUANA BASIN

In Feet

Well numbers		R.P.	Beginning	Water level elevations		Change in	Date and extreme ground water level elevations of record	
State	Tia Juana reference	elevation	of record	Fall 1950	Fall 1951	elevation	Maximum	Minimum
S/2W-32P2	157	6.2	1921	0.2	0.1	- 0.1	4-16-41 5.1	10-17-34 -0.2
S/2W-33R3	R	24.6	1936	4.6	2.3	- 2.3	3-2-44 21.9	12-5-51 2.3
S/2W-1J3	4	57.2	1924	47.3	45.7	- 1.6	3-15-41 52.9	12-4-31 40.7
S/2W-2C3	D	39.4	1924	26.9	22.8	- 4.1	4-16-41 36.6	9-4-51 22.8
S/2W-4A13	G	29.3	1924	7.1	4.6	- 2.5	3-15-41 22.7	10-2-51 4.6
S/2W-4B1	W	22.2	1936	0.1	-2.0	- 2.1	3-2-44 19.7	11-1-51 -2.0
S/2W-5A1	'37D	16.6	1937	-2.3	-5.0	- 2.7	4-16-41 12.2	11-1-51 -5.0

CHAPTER III. RECORDS OF GROUND WATER LEVELS

A tabulation of distance to water surface for approximately 1,000 wells in Los Angeles, San Gabriel, and Santa Ana River Basins and in Antelope Valley is presented on the pages that follow. These records are a continuation of those published in previous reports of the Bulletin 39 series.

Following is a list of abbreviations used in this report:

D.W.R. . . . . Division of Water Resources

L.A. Co. F.C.D. . . . . Los Angeles County Flood Control District

L.A.D.W. & P. . . . . Los Angeles Department of Water and Power

L.B.W.D. . . . . Long Beach Water Department

M.W.D. . . . . The Metropolitan Water District of Southern California

O. Co. F.C.D. . . . . Orange County Flood Control District

P.W.D. . . . . Pasadena Water Department

Riv. Co. F.C.D. . . . . Riverside County Flood Control and Water Conservation District

Riv. W. D. . . . . Riverside Water Department

S.A.V.I. Co. . . . . Santa Ana Valley Irrigation Company

S.B. Co. F.C.D. . . . . San Bernardino County Flood Control District

S.B.V.W.C.D. . . . . San Bernardino Valley Water Conservation District

S.B.W.D. . . . . San Bernardino Water Department

S.C.W. Co. . . . . Southern California Water Company

S.G.V.P.A. . . . . San Gabriel Valley Protective Association

U.S.G.S. . . . . United States Geological Survey

U.S.W.B. . . . . United States Weather Bureau

Records of Ground Water Levels at Wells

in District "A"

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
A-3b-B-6	July 26	137.0
1245.	Nov. 3	140.0
A-4c-B-6	Jan. 8	27.6
1229.6	Mar. 6	28.2
	Apr. 3	28.4
	May 7	28.6
	June 4	28.9
	July 3	29.0
	Aug. 1	29.2
	Aug. 31	29.4
	Oct. 1	29.4
	Nov. 17	29.5
A-4e-B-6	Apr. 17	44.1
1281.8	Nov. 7	43.1
A-5a-C-2	Jan. 8	11.0
959.4	Feb. 6	10.2
	Mar. 6	10.1
	Apr. 3	10.5
	June 4	10.2
	July 5	8.6
	Aug. 1	9.8
	Aug. 31	10.7
	Oct. 1	11.2
	Nov. 7	11.3
	Dec. 6	10.8
A-9-D-3	Apr. 6 a	65.6
879.6	Nov. 7 a	63.6
A-10-E-3	Jan. 16	13.1
791.4	Feb. 6	12.8
	Apr. 6	13.5
	May 1	13.4
	June 5	14.0
	July 2	13.7
	Aug. 1	14.8
	Sep. 5	14.9
	Oct. 3	14.6
	Nov. 13	15.4
A-12-D-3	Apr. 6 a	18.8
830.0	Nov. 7 a	18.1
A-13-D-3	Jan. 8	27.5
825.9	Mar. 6	27.2
	May 7	27.0
	July 5	27.3
	Oct. 1	27.2
	Nov. 7	27.1
	Dec. 6	26.9
A-15-D-4	Jan. 4	9.7
791.2	Feb. 3	9.1
	Mar. 14	8.8
	Apr. 10	8.9
	May 9 a	8.9
	June 13 a	8.9
	July 17 a	9.0
	Aug. 8 a	9.3
	Sep. 12 a	9.4
	Oct. 9 a	9.9
	Nov. 8 a	9.9
	Dec. 6 a	9.6
A-18a-D-4	Apr. 9 a	131.8
869.1	Nov. 7 a	133.0
A-18c-D-4	Apr. 10	53.0
783.	Nov. 1	53.9
A-22-D-5	Apr. 2	191.8
862.5	Nov. 8 a	195.3
A-24-B-5	Apr. 17	40.2
1158.4	Nov. 6	46.0
A-24a-C-5	Jan. 8	7.0
1121.0	Feb. 5	6.4
	Mar. 6	5.9
	Apr. 3	6.6
	May 7	6.9
	June 4	8.1
	July 3	8.5

a Meas. from L.A.D.W. & P.
Measts. from L.A. Co. F.C.D., except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
A-24b-C-5	Apr. 5	24.9
1033.8	Nov. 6	25.9
A-26-D-5	Jan. 16	215.9
879.0	Feb. 13	216.4
	Mar. 13	216.8
	Apr. 17	218.0
	May 8	218.2
	June 5	219.3
	July 3	220.2
	Aug. 7	221.2
	Sep. 4	222.0
	Oct. 2	222.9
	Nov. 6	223.8
	Dec. 4	224.2
A-27-D-5	Jan. 4 a	121.9
798.0	Feb. 15 a	122.6
	Mar. 14 a	123.1
	Apr. 10 a	123.8
	May 9 a	124.3
	June 8 a	125.0
	Nov. 9 a	127.9
	Dec. 6 a	128.2
A-27a-D-5	Feb. 6	130.3
*	Apr. 10	131.6
	July 9	133.4
	Nov. 1	136.1
A-28b-B-6	Mar. 6 b	13.2
1130.7	July 3 b	22.2
	Dec. 6 b	23.4
A-31-D-6	Jan. 4	248.5
903.0	Feb. 15	248.5
	Mar. 16	249.2
	Apr. 11	250.0
	Dec. 6	257.4
A-31a-D-6	Jan. 4 a	174.0
820.2	Feb. 15 a	173.9

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
A-31a-D-6	Mar. 14 a	175.2
Cont.	Apr. 11 a	175.9
	May 9	176.6
	June 8	178.2
	July 17	179.7
	Aug. 9	180.5
	Sep. 12	181.8
	Oct. 9	182.8
	Nov. 9	183.0
	Dec. 6	183.1
A-35-D-6	Feb. 6 b	243.9
886.6	Apr. 10 b	248.6
	July 9 b	253.9
A-37-C-7	Apr. 9	189.9
**	Nov. 7	183.9
A-41-C-7	Apr. 6 a	42.9
1099.1	Nov. 7	44.4
A-43-E-7	Jan. 17 c	142.3
713.7	Feb. 13 c	141.4
	Mar. 13 c	142.7
	Apr. 10 c	145.3
	May 8 c	146.7
A-44-C-7	Jan. 8 b	51.6
1164.1	Feb. 5 b	50.7
	Mar. 6 b	50.8
	Mar. 30 b	51.2
	May 7 b	51.7
	June 4 b	52.1
	July 3 b	52.6
	Aug. 1 b	52.6
	Aug. 31 b	52.9
	Oct. 1 b	53.2
	Nov. 7 b	53.3
	Dec. 6 b	53.5
A-35-C-8	Apr. 6	26.0
1159.8	Nov. 8	27.8

* R.P. Elev. 793.3 through April 20, 1951; then 793.2.
** R.P. Elev. 1203.8 through April 9, 1951; then 1204.2.
a Meas. by L.A.D.W. & P. from L.A.Co.F.C.D.
b Meas. from L.A.Co.F.C.D.
c Meas. by owner from L.A.Co.F.C.D.
Measts. from L.A.D.W.&P. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
A-48-C-8	Apr. 16		58.3
1286.1	Nov. 9	a	59.0
A-50b-D-9	Nov. 26		175.3
1750.			
A-54e-D-10	Jan. 24		56.0
1498.	Apr. 18		58.9
	Nov. 16		59.4
A-56d-E-2	Apr. 16		29.2
882.9	Nov. 13		29.4
A-58d-E-3	Nov. 6	a	19.5
798.6			
A-60-E-3	Apr. 4	a	15.5
793.6			
A-62a-E-3	Jan. 4	a	11.4
769.9	Feb. 13	a	12.3
	Mar. 12	a	12.6
	Apr. 10	a	11.6
	May 9	a	11.5
	June 13	a	12.3
	July 17	a	11.1
	Aug. 8	a	10.7
	Sep. 12	a	12.3
	Oct. 9	a	12.7
	Nov. 8	a	12.8
	Dec. 1	a	13.2
A-66b-E-4	Apr. 6	a	12.2
729.4	Nov. 7	a	13.0
A-71a-E-5	Apr. 4	a	14.3
723.9	Nov. 6	a	14.6
A-72-E-5	Apr. 4	a	51.9
732.5	Nov. 6	a	54.4
A-73-E-5	Jan. 16		23.0
690.1	Feb. 6		23.1

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
A-73-E-5	Mar. 5		23.3
Cont.	Apr. 3		23.4
	Apr. 16		23.6
	May 1		23.7
	Nov. 19	b	25.7
	Dec. 21	b	25.8
A-74-E-5	Jan. 16		84.2
732.6	Feb. 6		84.3
	Mar. 5		85.6
	Apr. 3		87.3
	May 1		86.7
	June 5		89.6
	July 2		90.6
	Aug. 1		91.6
	Sep. 5		92.7
	Oct. 3		93.5
	Nov. 9		92.4
	Dec. 21		92.6
A-75-F-6	Jan. 16		17.7
654.3	Feb. 6		18.0
	Mar. 5		18.1
	Apr. 3		18.4
	May 1		17.8
	June 5		19.1
	July 2		19.4
	Aug. 1		19.6
	Sep. 5		20.2
	Oct. 3		21.1
	Nov. 19		20.7
	Dec. 19		20.1
A-76-E-6	Jan. 16		72.0
707.2	Feb. 6		71.9
	Mar. 5		74.3
	Apr. 3		77.1
	May 1		75.0
	June 5		80.5
	July 2		81.8
	Aug. 1		82.9
	Sep. 5		84.1
	Oct. 3		85.0

a Meas. from L.A.D.W. & P.
b Meas. by L.A. Co. F.C.D. from L.A.D.W. & P.
Measts. from L.A. Co. F.C.D., except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
A-76-E-6 Cont.	Nov. 19		84.4
	Dec. 19		81.0
A-77b-E-6 681.3	Apr. 3	a	56.6
	Nov. 7	bc	
A-80c-E-7 713.7	Dec. 11	b	129.8
A-81d-B-6 656.9	Jan. 16		45.3
	Feb. 6		43.3
	Mar. 5		44.2
	Apr. 3		44.7
	May 1		45.8
	June 5		46.7
	July 2		47.7
	Aug. 1		48.1
	Sep. 5		49.5
	Oct. 3		53.4
	Nov. 19		53.5
	Dec. 21		53.8
A-82-F-6 633.9	Apr. 5	b	40.4
	Nov. 7	b	41.0
A-88-F-8 546.8	Jan. 5	b	38.0
	Feb. 20	b	37.6
	Feb. 27	b	39.2
	Mar. 19	b	42.6
	Apr. 3	b	44.9
	May 10	bd	

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
A-89d-E-8 620.6	Jan. 2	e	78.9
	Feb. 6	e	77.4
	Mar. 6	e	77.6
	Apr. 4	e	79.8
	May 1	e	81.4
	June 5	e	83.8
	July 3	e	85.6
	Aug. 7	e	88.1
	Sep. 6	e	89.5
	Oct. 2	e	90.8
	Nov. 6	e	91.5
	Dec. 4	e	90.6
A-93l-E-8 506.0	Jan. 2	e	54.4
	Feb. 6	e	50.0
	Mar. 6	e	50.7
	Apr. 4	e	53.0
	May 1	e	56.3
	June 5	e	59.4
	July 3	e	62.7
	Aug. 7	e	66.0
A-98-E-10 965.2	Jan. 5	e	83.2
	Feb. 2	e	82.7
	Mar. 2	e	81.7
	Apr. 6	e	78.2
	May 4	e	77.7
	June 1	e	76.2
	July 6	e	75.2
	Aug. 3	e	73.2
	Sep. 7	e	71.2
	Oct. 5	e	70.2
	Nov. 2	e	68.2
	Dec. 7	e	68.2

a Meas. by L.A.D.W. & P. from L.A. Co. F.C.D.
b Meas. from L.A.D.W. & P.
c Dry at 56.6 ft.
d Dry at 45.5 ft.
e Meas. by owner from L.A. Co. F.C.D.
Measts. from L.A. Co. F.C.D. except as noted.

Records of Ground Water Levels at Wells

in District "B"

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
B-3-I-5	May 8	97.4
114.	Nov. 27	96.8
B-6d-H-6	Apr. 23	118.0
195.8	Dec. 5	118.8
B-10c-I-6	Apr. 23	136.0
54.0	Nov. 27	131.0
B-10p-I-6	Jan. 9	75.9
84.6	Feb. 5	75.9
	Mar. 7	76.0
	Apr. 18	76.2
	June 6	76.5
	July 2	76.8
	July 31	76.6
	Sep. 25	76.8
	Nov. 5	77.0
B-11b-G-7	Apr. 5	118.0
293.2	Apr. 19	110.3
	May 8	117.0
B-12-H-7	Apr. 23	75.3
100.	Nov. 27	74.0
B-13-I-6	May 8	60.6
68.0	Nov. 28	61.8
B-14-G-8	Jan. 19	28.3
290.	Mar. 13	29.0
	July 2	29.4
	Sep. 25	31.2
	Nov. 15	27.0
B-14d-G-8	Jan. 9	46.4
335.9	Feb. 6	46.4
	Mar. 13	46.4
	Apr. 16	46.6
	June 4	46.3
	July 2	46.8
	Aug. 1	46.9
	Sep. 25	47.0
	Nov. 15	47.2

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
B-15-I-8	Jan. 19	94.3
110.7	Feb. 6	91.9
	Mar. 7	76.3
	Apr. 17	86.2
	June 5	98.7
	July 2	102.2
	Aug. 1	94.0
	Sep. 24	100.0
	Nov. 5	98.8
B-18-H-9	May 15	128.7
225.	Dec. 4	129.4
B-18a-H-9	May 15	146.8
231.1	Dec. 4	144.4
B-23-I-5	Jan. 8	23.5
22.2	Feb. 5	23.3
	Mar. 6	23.3
	Apr. 17	23.4
	July 2	23.2
	July 30	23.4
	Nov. 7	23.4
B-24a-J-6	Apr. 24	20.1
14.7	Nov. 23	18.9
B-27d-J-6	Apr. 24	23.4
15.6	Dec. 11 a	23.7
B-28c-J-6	May 1	134.0
130.6	Dec. 7 a	134.4
B-31-J-6	Dec. 7 a	152.7
143.0		
B-44-K-8	Apr. 23 a	113.6
84.2	May 7	110.4
B-44a-K-8	Jan. 8	136.9
77.7	Feb. 6	137.6
	Mar. 7	143.7
B-45d-K-8	Dec. 5 a	91.4
49.5		

a Meas. from D.W.R.
Measts. from L.A. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
B-50-I-9	Apr. 24	a	147.7
156.1	Nov. 19	a	141.1
B-51b-J-9	Apr. 24	a	118.8
130.6	Nov. 19	a	127.5
B-52-J-8	May 9	a	175.4
178.8	Dec. 18	a	172.7
B-54-K-8	Jan. 1	b	174.
136.	Feb. 1	b	172.
	Mar. 1	b	169.
	Apr. 15	b	173.
	May 24	b	172.
	June 15	b	176.
	July 15	b	180.
	Aug. 15	b	180.
	Sep. 15	b	180.
	Oct. 15	b	182.
	Nov. 15	b	176.
	Dec. 24	b	171.
B-57-J-9	Jan. 1	b	140.
125.	Feb. 1	b	135.
	Mar. 1	b	142.
	Apr. 1	c	146.
	May 1	c	146.
	June 1	c	150.
	July 1	c	151.
	Aug. 1	c	152.
	Aug. 22	c	152.
	Nov. 21	d	147.9
B-58d-K-9	Jan. 1	b	146.
125.6	Feb. 1	b	144.
	Mar. 1	b	146.
	Apr. 1	c	147.
	May 1	c	148.
	June 1	c	152.
	July 1	c	153.
	Aug. 1	c	155.
	Aug. 22	c	156.
B-60-J-9	June 21	e	101.7
159.5			

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
B-64d-L-9	Jan. 12		89.2
92.8	Feb. 2		86.4
	June 8		96.6
	Aug. 10		99.1
	Oct. 12		93.8
	Nov. 2		93.6
	Dec. 14		85.3
B-67-K-10	Apr. 24	a	50.1
104.	Nov. 14	a	52.3
B-69-K-9	Jan. 12		81.8
86.5	Feb. 2		81.3
	Feb. 23		83.0
	Apr. 6		86.2
	Apr. 27		87.1
	June 8		95.5
	June 29		96.2
	July 20		99.5
	Aug. 31		97.8
	Sep. 21		99.6
	Oct. 12		95.0
	Nov. 24		92.1
	Dec. 14		89.5
B-70b-J-10	Jan.	e	171.
178.7	Feb.	e	171.
	Mar.	e	145.
	Apr.	e	145.
	May	e	146.
	June	e	176.
	July	e	187.
	Aug.	e	171.
	Sep.	e	184.
	Oct.	e	181.
	Nov.	e	176.
	Dec.	e	170.
B-72e-K-10	Jan. 3	a	40.7
107.0	Feb. 6	a	40.4
	Mar. 12	a	40.4
	Apr. 11	a	41.8
	May 1	a	41.4
	June 5	a	44.1

a Meas. from L.A.Co.F.C.D.
c Meas. by S.C.W.Co.from L.A.Co.F.C.D.
e Meas. from S.C.W. Co.
d Meas. from L.A.D.W.& P.
' Meas. by owner from L.A.Co.F.C.D.
Measts. by S.G.V.P.A. from L.A.Co.F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
B-72e-K-10 Cont.	July 3		44.6
	Aug. 6		45.4
	Sep. 12		44.5
	Oct. 2		44.5
	Nov. 16		43.8
B-84-L-6 *142.1	Apr. 10		157.4
	Nov. 14		158.4
B-90c-L-7 96.6	May 7	a	129.
	June 28	a	129.
	Aug. 31	a	132.
	Oct. 30	a	130.
	Dec. 29	a	130.
B-91-L-7 61.	Jan. 1	b	108.
	Feb. 1	b	107.
	Mar. 1	b	110.
	Apr. 24	b	112.
	May 15	b	114.
	June 8	b	116.
	July 24	b	118.
	Sep. 15	b	117.
	Nov. 15	b	112.
	Dec. 15	b	108.
B-95-N-7 108.7	May 8		139.6
	Nov. 27		141.2
B-100-N-8 82.	Jan. 8		113.5
	Feb. 5		113.2
	Mar. 6		114.4
	July 30		115.9
	Sep. 24		116.4
	Nov. 5		117.2
	Dec. 11		116.8
B-102-L-8 41.	Dec. 11	c	77.8
B-103b-L-8 58.0	May 9		124.6

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
B-106-L-8 55.0	Jan. 2	b	119.
	Feb. 15	b	118.
	Mar. 15	b	119.
	Apr. 15	b	122.
	May 15	b	126.
	June 15	b	129.
	July 15	b	128.
	Aug. 15	b	130.
	Sep. 15	b	132.
	Oct. 15	b	131.
	Nov. 15	b	130.
	Dec. 15	b	127.
B-106a-L-9 78.9	May 1		108.8
	Nov. 28		113.2
B-108-M-8 35.6	May 9		69.3
	Nov. 26	c	72.9
B-109c-M-9 28.4	Dec. 6	c	95.8
B-110b-N-9 44.8	Nov. 27	c	106.6
B-112-L-9 43.1	Nov. 28	c	74.5
B-113-M-9 11.1	May 1		83.1
	Nov. 28	c	89.1
B-115a-N-9 40.	Jan. 30	d	90.
	Feb. 28	d	96.
	Mar. 31	d	95.
	Apr. 30	d	94.
	May 30	d	93.
	June 30	d	93.
	July 31	d	105.
	Aug. 31	d	100.
	Sep. 30	d	93.
	Oct.	d	98.
	Nov.	d	98.
	Dec.	d	98.

* New elev.,R.P. changed.
a Meas. from owner.
b Meas. by S.C.W.Co. from L.A. Co. F.C.D.
c Meas. from D.W.R.
d Meas. from So. Cal. Edison Co.
Measts. from L.A.Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
B-115g-N-9 35.0	Jan. 1	a	110.0
	Feb. 1	a	109.8
	Mar. 1	a	112.6
	Apr. 1	a	119.6
	May 1	a	117.5
	June 1	a	123.1
	July 1	a	124.9
	Aug. 1	a	127.3
	Sep. 1	a	122.2
	Oct. 1	a	125.4
	Nov. 1	a	124.5
	Dec. 1	a	121.1
B-117-L-10 97.8	Jan. 17	b	117.9
	May 1	c	116.2
	Dec. 4	c	123.9
B-118-M-10 34.0	Jan. 4	a	37.6
	Jan. 25	a	39.0
	Mar. 8	a	37.5
	Apr. 19		37.9
	May 24		38.1
	June 21		38.8
	July 26		42.2
	Aug. 23		40.4
	Sep. 27		40.2
	Oct. 25		40.0
	Nov. 29		40.3
	Dec. 13		39.8
B-119-M-9 24.6	May 1	c	54.8
B-119q-M-10 *24.9	Feb. 19	c	34.5
	May 1	c	34.5
B-122f-L-10 61.6	Feb. 2	d	35.4
	Feb. 23	d	37.8
	Apr. 6	d	41.6
	Apr. 27	d	42.0
	June 8	d	45.9
	June 29	d	46.6
	July 20	d	48.5
	Aug. 10	d	50.1
B-122f-L-10 Cont.	Aug. 31	d	49.8
	Sep. 21	d	48.2
	Oct. 12	d	48.8
	Nov. 2	d	47.4
	Dec. 12	d	43.2
B-129-L-10 58.1	Apr. 17	c	57.9
	Nov. 26	c	63.8
B-129b-M-10 37.4	Jan. 4		55.0
	Feb. 15		53.6
	Mar. 29		57.3
	Apr. 19		57.1
	May 24		59.8
	June 21		61.8
	July 26		62.5
	Aug. 23		63.6
	Sep. 27		63.3
	Oct. 25		61.5
	Nov. 24		57.9
	Dec. 13		58.7
B-130e-N-8 184.0	Jan. 5	b	222.
	Nov. 14	b	223.8
B-132-N-8 71.2	May 15	c	112.8
B-133-N-8 45.2	Feb. 5	e	96.4
	May 3	e	98.2
	May 28	e	98.9
	June 12	e	99.3
	July 25	e	103.6
	Sep. 12	e	104.8
	Dec. 14	e	103.5
B-136-N-10 8.0	Jan. 4		15.6
	Jan. 25		15.6
	Mar. 8		15.5
	Apr. 19		16.4
	May 24		16.1
	June 21		16.2
	July 5		16.9

* New elev., R.P. changed.
a Meas. by owner from L.A. Co. F.C.D.
b Meas. from D.W.R.
c Meas. from L.A. Co. F.C.D.
d Meas. by S.G.V.P.A. from L.A. Co. F.C.D.
e Meas. from owner.
Measts. by L.B.W.D. from L.A. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
B-136-N-10 Cont.	July 26	16.7
	Sep. 6	17.0
	Sep. 27	16.9
	Oct. 25	17.0
	Nov. 29	16.9
	Dec. 13	16.5
B-136d-N-10 7.0	Jan. 4	12.2
	Jan. 25	13.2
	Mar. 8	13.2
B-136d-N-10 Cont.	Mar. 29	13.4
	May 4	13.4
	May 24	13.3
	July 5	11.1
	July 26	13.6
	Sep. 6	13.0
	Sep. 27	13.6
	Nov. 8	14.2
	Nov. 29	13.3

Measts. by L.B.W.D. from L.A.Co.F.C.D.

Records of Ground Water Levels at Wells

in District "C"

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-1c-E-11	Jan. 29		218.9
1172.4	Feb. 28		217.6
	Mar. 30		222.5
	Apr. 5	a	221.8
	May 1		221.0
	June 21		233.6
	Aug. 31		260.0
	Sep. 26		246.0
	Oct. 26		251.0
	Nov. 28		241.1
	Dec. 26	a	236.5
C-1k-D-10	Apr. 5	a	305.3
1273.3	Dec. 26	a	321.1
C-3-E-11	Jan. 31		273.
*1202.3	Apr. 6	a	269.4
**1201.1	Apr. 30		272.
	May 31		275.
	June 30		277.
	July 26		281.
	Aug. 31		284.
	Sep. 25		286.
	Oct. 31		288.
	Nov. 30		288.
	Dec. 28	a	282.9
C-5-E-11	Jan. 8	a	135.5
1070.6	Feb. 5		134.7
	Mar. 5		133.7
	Apr. 10		135.3
	May 7		135.3
	June 5		138.7
	July 2		140.6
	Aug. 7		144.9
	Sep. 5		147.2
	Oct. 8		150.2
	Nov. 7		151.1
	Dec. 4		150.3
C-7-E-11	Jan. 8	a	176.3
1109.7	Feb. 5		175.9
	Mar. 5		175.3
C-7-E-11	Apr. 10		175.8
Cont.	May 7		176.3
	July 2		179.6
	Aug. 7		182.9
	Sep. 5		185.5
	Oct. 8		188.3
	Nov. 7		190.2
	Dec. 4		190.6
C-10-E-11	Jan. 8	a	114.4
1046.6	Feb. 5		114.4
	Mar. 5		114.3
	Apr. 10		114.4
	May 7		114.6
	June 5		115.5
	July 2		116.6
	Aug. 7		119.0
	Sep. 5		121.1
	Oct. 8		124.0
	Nov. 7		126.0
	Dec. 4		127.3
C-11-E-11	Apr. 6	a	273.3
1188.5	July 5		277.
	Sep. 4		279.
	Dec. 28	a	279.4
C-12-E-11	Jan. 31		200.
*1134.2	Feb. 28		202.
**1129.2	Apr. 6	a	207.5
	Apr. 30		202.
	May 31		208.
	June 30		212.
	July 31		239.
	Aug. 31		222.
	Sep. 30		224.
	Oct. 31		220.
	Nov. 30		216.
	Dec. 28	a	217.7
C-16-F-11	Jan. 8	a	249.3
916.5	Feb. 5		248.9
	Mar. 5		248.5

* Air Gage R.P. used by owner.
** Tape R.P. used by D.W.R.
a Meas. from D.W.R.
Measts. from owner, except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-16-F-11	Apr. 10		247.0
Cont.	May 5		246.1
	June 6		251.7
	July 2		256.7
	Aug. 9		257.4
	Sep. 17		261.3
	Oct. 8		257.8
	Nov. 6		255.3
	Dec. 4		253.5
C-22-F-11	Jan. 8	a	234.8
897.9	Feb. 5		233.9
	Mar. 5		233.0
	Apr. 10		231.1
	May 5		230.3
	June 5		235.6
	July 2		237.0
	Aug. 9		240.5
	Sep. 17		243.4
	Oct. 18		241.3
	Nov. 6		238.8
	Dec. 4		241.7
C-31a-F-11	Mar. 27	a	127.3
*	Dec. 20	a	126.2
C-42E-12	Apr. 5	a	308.1
865.6	Dec. 29	a	308.9
C-44-F-12	Jan. 8	a	322.0
879.0	Feb. 5		320.9
	Mar. 5		319.9
	Apr. 10		319.0
	May 8		318.6
	June 5		320.3
	July 2		322.7
	Aug. 13		329.2
	Sep. 5		330.5
	Oct. 8		327.8
	Nov. 16		326.2
	Dec. 4		324.9

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-47-F-12	Apr. 7	a	153.2
698.8	Dec. 19	a	152.5
C-49-F-12	Jan. 1		171.
**720.0	Feb. 1		171.
***718.8	Mar. 1		172.
	Apr. 1		171.
	May 1		168.
	June 1		171.
	July 1		175.
	Aug. 1		178.
	Sep. 1		175.
	Oct. 1		175.
	Nov. 1		170.
	Dec. 1		173.
	Dec. 21	a	180.8
C-52a-F-12	Jan. 8	a	236.3
791.2	Feb. 5		234.8
	Mar. 5		234.0
	Apr. 10		233.0
	May 8		232.4
	June 5		234.4
	July 2		236.5
	Aug. 13		242.6
	Sep. 5		244.3
	Oct. 8		240.2
	Nov. 6		241.5
	Dec. 4		238.9
C-55-F-12	Jan. 31		178.
736.3	Feb. 28		177.
	Mar. 31		177.
	Apr. 7	a	176.5
	Apr. 30		175.
	May 31		175.
	June 30		178.
	July 31		183.
	Aug. 31		183.
	Oct. 31		172.
	Nov. 30		179.
	Dec. 24	a	179.5

* R.P. elev. 774.4 through Mar. 27, 1951; then 773.2.
** Air gage R.P. used by owner.
*** Tape R.P. used by D.W.R.
a Meas. from D.W.R.
Measts. from owner except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-62-F-12	Jan. 31		96.
673.6	Feb. 28		85.
	Apr. 3	a	89.0
	Apr. 30		84.
	May 31		84.
	June 30		87.
	July 31		89.
	Aug. 31		99.
	Sep. 30		100.
	Oct. 31		100.
	Nov. 30		88.
	Dec. 26	a	87.2
C-74-F-12	Apr. 4	a	129.5
676.8	Dec. 19	a	129.3
C-76-F-12	Apr. 6	a	123.1
665.8	Dec. 19	a	121.5
C-82a-F-13	Mar. 5	b	50.9
592.1	Apr. 10	b	49.8
	May 8	b	51.0
	June 5	b	68.6
	July 2	b	58.8
C-101-F-13	Jan. 27		109.1
603.0	Feb. 24		101.8
	Mar. 10		102.1
	Apr. 5	a	101.7
	May 5		100.4
	June 2		103.2
	July 21		131.0
	Aug. 4		128.0
	Sep. 1		120.0
	Oct. 6		120.0
	Nov. 2		116.0
	Dec. 21	a	113.0
C-102-F-14	Apr. 6	a	19.7
594.0	Dec. 20	a	18.1
C-103-F-13	Apr. 1	a	90.1
627.5	Dec. 14	a	85.0

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-111-F-11	Jan. 8	a	160.8
776.3	Feb. 5		159.7
	Mar. 5		158.9
	Apr. 10		158.2
	May 8		157.6
	June 5		160.2
	July 3		162.5
	Aug. 7		165.5
	Sep. 5		165.8
	Oct. 8		167.5
	Nov. 8		161.1
	Dec. 4		163.9
C-115-E-12	Apr. 6	a	52.3
1105.	Dec. 20	a	53.0
C-119-F-12	Jan. 1		110.
*662.	Feb. 1		109.
**661.8	Mar. 1		109.
	Apr. 4	a	111.4
	May 1		107.
	June 1		110.
	July 1		112.
	Aug. 1		115.
	Sep. 1		115.
	Oct. 1		115.
	Nov. 1		114.
	Dec. 26	a	110.5
C-130-F-13	Jan. 31		179.
677.0	Feb. 28		176.
	Mar. 31		178.
	Apr. 5	a	177.4
	Apr. 30		175.
	May 31		179.
	June 30		189.
	July 31		202.
	Aug. 31		198.
	Sep. 30		198.
	Oct. 31		194.
	Dec. 21	a	185.2

* Air gage R.P. used by owner.
** Tape R.P. used by D.W.R.
a Meas. from D.W.R.
b Meas. from P.W.D.
Measts. from owner except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-200-F-13	Jan. 19		208.9
482.2	Feb. 9		209.6
	Mar. 2		209.8
	Apr. 13		210.9
	May 4		211.2
	May 25		211.8
	July 6		213.1
	July 27		213.8
	Sep. 4		217.9
	Sep. 28		218.9
	Nov. 9		217.5
	Nov. 30		216.2
C-201-G-12	Jan. 1	a	280.
507.7	Feb. 1	a	280.
	Mar. 1	a	278.
	Apr. 1	a	279.
	May 1	a	282.
	Aug. 1	a	289.
	Sep. 1	a	288.
	Nov. 1	a	293.
C-204-G-12	Jan. 19	b	252.0
478.9	Feb. 9	b	252.5
	Mar. 2	b	251.6
	Mar. 23	b	253.0
	May 4	b	254.0
	May 25	b	255.4
	July 6	b	259.2
	Aug. 17	b	263.6
	Oct. 19	b	263.7
	Dec. 21	b	261.2
C-205-G-12	Apr. 20	b	219.2
429.6	Nov. 15	b	241.5
C-206-G-12	Jan. 19	b	311.4
534.6	Feb. 9	b	311.4
	Mar. 23	b	314.4
	Apr. 30	a	314.
	May 31	a	315.
	July 31	a	318.
	Sep. 30	a	320.
	Nov. 25	b	321.0

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-223-G-13	Jan. 19		47.5
306.2	Feb. 9		47.8
	Mar. 2		48.0
	Apr. 12		48.9
	May 3		49.0
	June 14		50.7
	July 5		51.4
	July 26		52.4
	Sep. 3		54.6
	Oct. 18		54.0
	Nov. 9		54.3
	Dec. 21		54.6
C-224-G-13	Jan. 1	c	52.5
314.5	Feb. 1	c	53.0
	Mar. 1	c	53.5
	Apr. 1	c	56.
	May 1	c	54.9
	June 1	c	56.9
	July 1	c	56
C-230a-H-13	Jan. 19		28.3
278.6	Mar. 2		28.5
	May 3		29.2
	June 14		30.1
	July 5		30.3
	July 26		30.6
	Aug. 16		31.2
	Sep. 28		32.5
	Nov. 9		34.3
	Dec. 21		34.6
C-234-H-13	Jan. 3		10.5
242.6	Jan. 31		10.3
	Feb. 28		10.3
	Mar. 28		10.6
	May 2		10.5
	May 30		11.0
	July 4		11.4
	Aug. 1		12.0
	Sep. 5		12.3
	Oct. 3		12.6
	Nov. 7		12.7
	Dec. 5		12.4

a Meas. from owner.
b Meas. from L.A. Co. F.C.D.
c Meas. by owner from L.A. Co. F.C.D.
Measts. by S.G.V.P.A. from L.A. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
C-237w-H-13 240.	Jan. 3	13.3
	Jan. 31	13.2
	Feb. 28	13.3
	Mar. 28	13.6
	May 2	14.1
	May 30	14.8
	June 27	15.4
	July 25	16.7
	Sep. 12	17.8
	Oct. 10	18.4
	Nov. 7	18.7
	Dec. 5	18.6
C-239-H-13 228.2	Jan. 19	15.4
	Mar. 2	15.4
	Mar. 23	16.0
	Apr. 12	16.4
	May 3	16.4
	June 14	17.6
	July 26	18.5
	Aug. 16	19.0
	Sep. 28	19.2
	Oct. 18	19.8
	Nov. 30	19.2
	Dec. 21	18.8
C-240q-I-13 213.0	Jan. 3	7.4
	Jan. 31	6.3
	Mar. 7	6.8
	Apr. 4	9.2
	May 2	8.5
	May 30	9.6
	July 4	10.2
	Aug. 1	11.0
	Sep. 5	11.2
	Oct. 3	10.6
	Nov. 7	10.9
	Dec. 5	9.7
C-241-F-14 416.6	Jan. 19	152.6
	Feb. 9	153.3
	Mar. 2	153.7
	Apr. 13	156.7
C-241-F-14 Cont.	May 4	155.0
	June 15	156.2
	July 6	157.9
	Aug. 17	158.8
	Sep. 4	160.4
	Oct. 19	163.2
	Nov. 9	161.5
	Dec. 21	162.5
C-242-F-14 404.5	Jan. 19	151.2
	Feb. 9	148.1
	Mar. 2	145.8
	Apr. 7	147.0
	May 21	148.
	June 28	151.0
	Aug. 14	154
	Sep. 28	156.6
	Oct. 14	160.0
	Nov. 9	159.0
	Dec. 21	157.6
C-243-F-14 *	Jan. 19	156.1
	Feb. 9	156.0
	Mar. 2	156.2
	Apr. 13	157.0
	May 4	158.4
	June 15	159.7
	July 2	160.3
	Sep. 1	165.0
	Nov. 30	169.3
	Dec. 21	169.1
C-243b-F-14 797.2	Jan. 11 a	50.9
	Apr. 3 a	48.1
C-243d-F-14 699.5	Jan. 15 a	125.5
	Feb. 8 a	123.6
	Mar. 23 a	126.0
	Apr. 13 a	130.2
	May 25 a	123.0
	June 15 a	125.8
	July 6 a	127.2

* R.P. elev. 414.5 through Sep. 1, 1951; then 416.5.
a Meas. from L.A. Co. F.C.D.
Measts. by S.G.V.P.A. from L.A. Co. F.C.D., except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
C-259-H-14 292.0	Jan. 18	42.2
	Feb. 8	42.0
	Mar. 1	41.8
	Apr. 11	43.3
	May 3	43.8
	June 14	46.6
	July 5	47.3
	July 25	48.7
	Aug. 15	50.1
	Sep. 27	51.9
	Nov. 29	53.1
	Dec. 20	52.6
C-266-H-14 294.5	Jan. 18	31.9
	Mar. 22	34.2
	Apr. 12	37.8
	May 24	39.3
	July 5	43.8
	Sep. 4	45.5
	Nov. 8	45.0
	Dec. 20	42.1
C-278-F-15 635.1	Feb. 9	56.0
	Mar. 2	51.2
	Apr. 13	44.4
	May 4	49.1
	June 13	57.0
	July 6	61.7
	Aug. 17	66.8
	Sep. 4	69.0
	Oct. 19	70.2
	Nov. 9	70.8
	Dec. 21	53.7
C-280-F-15 591.2	Jan.	176.
	Feb.	150.
	Mar.	201.
	May	203.
	May 21	200.4
	June 1	185.0
	July 27	182.7
	Sep. 4	185.8
	Oct. 19	189.3
C-280-F-15 Cont.	Nov. 9	191.0
	Dec. 21	195.2
C-281-F-15 593.0	Jan. 3 a	187.8
	Feb. 7 a	197.4
	Mar. 6 a	204.6
	Apr. 3 a	209.4
	May 2 a	216.0
	June 6 a	220.9
	July 3 a	223.7
	Aug. 1 a	227.9
	Sep. 6 a	230.2
	Oct. 3 a	240.9
	Nov. 13 a	249.7
C-283-G-15 456.6	Jan. 3	197.9
	Feb. 7	197.8
	Mar. 7	197.7
	Apr. 4	198.4
	May 2	199.4
	June 6	200.9
	July 4	203.0
	Aug. 1	205.3
	Sep. 5	207.8
	Oct. 3	209.4
	Nov. 7	210.8
C-285-F-16 686.0	Jan. 1 a	109.0
	Feb. 1 a	107.
	Mar. 1 a	92.
	May 1 a	93.
	June 1 a	106.0
	July 1 a	115.0
	Aug. 1 a	116.0
	Sep. 1 a	117.0
	Nov. 9 a	119.0
	Dec. 21	77.4
C-291-G-14 371.5	Jan. 18	114.8
	Mar. 1	114.5
	Mar. 22	114.8
	Apr. 12	115.4

a Meas. from L.A. Co. F.C.D.
Measts. by S.G.V.P.A. from L.A. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
C-294a-G-15 387.7	Jan. 3	129.0
	Feb. 1	128.9
	Feb. 28	128.8
	Mar. 28	129.2
	May 2	130.6
	May 30	131.8
	June 27	133.9
	July 25	136.2
	Aug. 29	139.2
	Oct. 3	140.9
	Oct. 31	141.9
	Nov. 28	142.0
C-295-G-15 401.5	Jan. 17	141.2
	Feb. 7	140.8
	Feb. 28	140.6
	Mar. 21	140.9
	May 2	143.0
	June 26	155.2
	July 25	157.6
	Aug. 15	153.7
	Sep. 26	163.1
	Nov. 7	156.5
	Dec. 19	153.7
C-296-G-15 424.7	Jan. 17	161.4
	Feb. 7	161.0
	Feb. 28	160.9
	Mar. 21	161.0
	May 2	163.4
	May 23	164.0
	July 2	167.9
	Sep. 5	172.9
	Oct. 17	175.2
	Nov. 7	175.5
	Dec. 19	174.3
C-300-H-15 407.2	Jan. 3	140.4
	Jan. 31	140.4
	Feb. 28	140.4
	Mar. 28	140.7
	May 2	142.0
	May 30	142.7
C-300-H-15 Cont.	June 27	144.6
	July 25	146.5
	Aug. 15	147.9
	Sep. 26	150.2
	Oct. 24	151.5
	Nov. 21	152.3
	Dec. 19	152.2
C-307-H-15 357.5	Jan. 18	95.3
	Feb. 8	95.1
	Mar. 2	95.3
	Apr. 12	96.5
	May 3	96.8
	May 24	97.3
	July 5	100.4
	Sep. 4	103.6
	Oct. 18	105.3
	Nov. 8	105.8
C-309-H-15 320.3	Jan. 18	58.6
	Feb. 8	58.3
	Mar. 2	58.4
	Apr. 12	64.1
	May 3	61.2
	June 14	67.9
	July 5	69.4
	Sep. 4	69.6
	Sep. 27	73.9
	Nov. 8	74.1
	Dec. 20	69.0
C-312-H-15 342.3	Jan. 18	76.6
	Feb. 8	76.0
	Mar. 1	76.8
	Apr. 12	84.4
	May 3	80.2
	June 14	85.9
	July 5	91.1
	July 26	95.4
	Sep. 4	93.4
	Oct. 18	96.7
	Nov. 18	93.2
	Dec. 20	88.4

Measts. by S.G.V.P.A. from L.A. Co. F.C.D.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
C-316-I-15 309.2	Feb. 8	19.0
	Mar. 2	17.3
	Mar. 22	18.8
	May 3	20.3
	May 24	23.0
	July 5	27.3
	Sep. 4	31.4
	Oct. 18	31.2
	Nov. 8	29.9
	Dec. 20	24.8
C-320-F-16 756.3	Jan. 4 a	42.6
	Feb. 1 a	41.0
	Mar. 1 a	39.6
	Apr. 3 a	41.1
	May 3 a	35.6
	June 4 a	17.6
	July 5 a	14.6
	Aug. 2 a	15.1
	Sep. 6 a	15.8
	Oct. 3 a	16.4
	Dec. 27 a	26.9
C-322-F-16 *	Jan. 2 a	129.2
	Feb. 1 a	120.6
	Mar. 1 a	109.1
	Apr. 2 a	104.6
	May 1 a	109.9
	June 1 a	126.7
	July 10 a	135.4
	Aug. 1 a	136.5
	Sep. 1 a	137.8
	Oct. 1 a	138.4
	Nov. 10 a	139.4
	Dec. 20 a	80.3
C-334-F-16 631.1	Jan. 2	122.0
	Jan. 30	124.0
	Mar. 1	124.5
	Apr. 2	125.2
	May 1	128.8
	June 1	133.2
	July 5	139.3
C-334-F-16 Cont.	Aug. 1	142.1
	Sep. 1	145.1
	Oct. 1	148.3
	Oct. 31	147.4
	Nov. 29	151.1
C-335-G-16 538.2	Jan. 18	271.0
	Feb. 8	270.2
	Mar. 1	269.6
	Apr. 12	274.2
	May 3	273.5
	June 14	278.9
	July 5	280.8
	Aug. 16	284.5
	Sep. 4	286.0
	Oct. 18	289.5
	Nov. 8	289.3
	Dec. 20	285.2
C-337-G-16 657.0	Jan. 18	281.8
	Feb. 8	282.5
	Apr. 12	283.3
	May 3	283.1
	June 14	284.4
C-338-G-16 535.0	Jan. 18	243.1
	Feb. 8	243.1
	Mar. 1	243.0
	May 3	245.5
	May 24	248.6
	Sep. 27	269.6
C-343-H-16 477.9	Jan. 31	188.1
	Feb. 28	187.9
	Mar. 28	191.1
	May 2	191.6
	May 30	197.3
	June 27	199.8
	July 25	203.5
	Sep. 5	203.8
	Oct. 3	205.7
	Oct. 31	203.3
	Dec. 5	201.2

* R.P. elev. 694.6 through Sep. 1; then 695.1
a Meas. from L.A. Co. F.C.D.
Measts. by S.G.V.P.A. from L.A. Co. F.C.D., except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-360-G-16 462.4	Jan. 3		194.8
	Jan. 31		194.6
	Feb. 28		194.3
	Mar. 28		194.8
	May 2		197.0
	May 30		202.7
	June 27		205.2
	Aug. 1		207.8
	Sep. 5		209.8
	Oct. 3		210.5
	Nov. 7		209.6
	Dec. 5		209.0
C-367-F-15 548.9	Jan. 17		288.4
	Feb. 7		288.3
	Mar. 7		288.1
	Apr. 11		288.9
	May 2		289.8
	June 13		291.8
	July 4		293.4
	Aug. 15		296.8
	Sep. 4		298.4
	Oct. 18		301.3
	Nov. 7		302.0
C-376-G-11 532.0	Jan. 19		264.1
	Feb. 9		264.3
	Mar. 2		263.9
	Mar. 23		264.3
	Apr. 13		264.2
	May 4		263.7
	June 15		259.8
	Aug. 17		259.4
	Nov. 9		259.2
	Dec. 21		259.3
C-383c-I-13 219.4	Nov. 15	a	17.9
C-401-F-16 882.	May 7	a	165.4
	Dec. 4	a	179.5
C-401c-F-16 704.7	Jan. 18		266.4
	Feb. 8		267.0
C-401c-F-16 Cont.	Mar. 1		266.5
	Apr. 12		268.5
	May 3		267.8
	June 14		268.6
	July 26		268.7
	Aug. 16		269.2
	Sep. 27		270.0
	Oct. 18		271.4
	Nov. 29		272.6
	Dec. 20		272.3
C-404a-F-17 1115.0	Jan. 11		143.0
	Feb. 6	a	141.0
	Apr. 9	a	143.5
	July 16	a	169.8
	Nov. 1	a	173.
	Dec. 3	a	172.
C-405-F-17 950.	Jan. 3	b	439.0
	Feb. 1	b	437.9
	Mar. 1	b	436.2
	Apr. 5	b	437.2
	June 1	b	442.3
	July 1	b	443.7
	Oct. 9	b	436.
	Nov. 1	b	445.9
C-426a-F-17 896.	Apr. 10	a	90.6
	Nov. 13	a	109.1
C-432-G-17 739.9	Apr. 17	a	66.6
C-444b-G-17 741.0	Jan. 24	a	201.1
	Mar. 14	a	202.4
	Apr. 19	a	204.9
	May 22	a	207.2
	June 19	a	209.4
	July 11	a	210.1
	Aug. 8	a	210.6
	Sep. 24	a	212.7
	Oct. 24	a	213.5
	Nov. 13	a	210.2
	Dec. 28	a	207.8

a Meas. from L.A. Co. F.C.D.
b Meas. by owner from L.A. Co. F.C.D.
Measts. by S.G.V.P.A. from L.A. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
C-446a-G-17 880.6	Jan. 10	93.9
	Feb. 6	93.9
	Mar. 7	94.6
	Apr. 9	95.1
	May 16	95.6
	June 19	96.0
	July 11	95.9
	Aug. 8	95.7
	Sep. 25	95.2
	Nov. 5	94.9
	Dec. 26	94.8
C-446c-G-17 869.7	Feb. 13	208.6
	Apr. 26	211.4
	July 1	217.5
C-446e-G-18 934.4	Apr. 10	193.2
	Nov. 21	191.1
C-453-G-17 531.1	May 2	138.8
	Dec. 11	127.9
C-498-G-18 1046.1	May 22	223.1
	Oct. 22	237.6
	Nov. 28	233.6
C-500-G-18 1029.0	Feb. 6	159.4
	May 7	158.0
	Oct. 31	163.
	Nov. 28	163.6
	Dec. 26	162.
C-512b-G-18 983.	Apr. 17	94.3
	Dec. 3	95.5
C-514-G-18 971.0	Jan. 3	132.6
	Feb. 6	110.8
	Mar. 7	107.3
	Mar. 14	105.5
	Apr. 4	128.6
	May 1	122.8
	May 31	138.5
	July 25	164.7
C-514-G-18 Cont.	Aug. 22	169.2
	Oct. 18	174.7
	Nov. 21	172.2
	Dec. 20	149.2
C-522-G-18 930.	Apr. 17	67.8
	Dec. 3	72.3
C-522a-G-17 906.6	Feb. 13	86.3
	Mar. 14	90.0
	Apr. 17	88.8
	June 19	93.2
	Aug. 8	88.8
	Oct. 3	93.6
C-595-G-19 1134.3	May 9	975.8
	Dec. 4	968.0
C-612a-G-18 1018.	May 9	169.8
	Nov. 21	174.7
C-655q-F-19 1530.9	May 9	44.5
	Nov. 16	45.4
C-656h-F-20 1831.0	May 8	40.6
	Nov. 16	37.9
C-656i-F-20 2067.	May 8	22.2
	Nov. 16	26.8
C-658-G-20 1482.0	Jan.	a 213.6
	Feb.	a 211.6
	Mar.	a 211.2
	Nov.	a 239.4
	Dec.	a 235.4
C-659i-G-20 1511.8	Jan. 24	235.6
	Feb. 27	232.6
	Mar. 20	232.5
	May 8	237.7
	June 27	239.7
	Dec. 31	283.4

a Meas. from owner
Measts. from L.A. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-660c-G-19	Jan. 24		195.6
1319.4	Feb. 27		187.0
	Mar. 7		183.4
	Apr. 30		206.1
C-664-G-20	Jan. 1	a	359.
1301.5	Feb. 1	a	350.
	May 7	a	332.
	Dec. 3	a	352.
C-666-G-19	May 9		216.4
1114.	Dec. 3		251.2
C-670h-H-19	Jan. 17		145.0
950.0	Feb. 6		141.6
	Mar. 7		141.2
C-676c-H-18	May 2		161.1
815.	Dec. 11		164.6
C-678k-H-19	May 1		120.3
807.8	Nov. 27		124.2
C-701c-I-17	Jan. 3		40.4
523.3	Feb. 8		39.0
	Mar. 8		36.0
	Apr. 16		36.8
	May 16		37.6
	June 4		38.4
	July 16		44.1
	Aug. 6		46.0
	Sep. 26		47.3
	Oct. 10		47.5
	Nov. 14		48.2
	Dec. 13		45.5
C-703-H-18	May 2		130.6
774.	Nov. 27		129.8
C-705a-I-17	Apr. 16		33.2
606.5	Nov. 27		35.0
C-707-I-17	Apr. 16		14.1
455.	Nov. 27		15.2
C-708-I-15	Apr. 16		60.5
374.	Nov. 13		62.3
C-803g-I-12	Jan. 3	b	61.4
183.	Feb. 7	b	59.7
	Mar. 7	b	58.4
	Apr. 4	b	58.6
	May 2	b	59.7
	June 6	b	62.0
	July 4	b	65.1
	Aug. 1	b	68.9
	Sep. 5	b	73.5
	Oct. 3	b	76.4
	Nov. 7	b	80.4
	Nov. 28	b	81.6
C-803r-I-12	Nov. 7		112.0
211.			
C-804q-I-13	Apr. 25		29.0
230.5	Nov. 15		30.2
C-812-I-11	Jan. 11	b	104.4
*	Feb. 1	b	104.8
	Mar. 15	b	106.4
	Apr. 5	b	107.8
	Apr. 26	b	108.3
	June 7	b	110.6
	July 19	b	116.6
	Aug. 9	b	118.3
	Sep. 20	b	125.7
	Oct. 11	b	123.2
	Nov. 1	b	124.9
	Dec. 13	b	122.8
C-825g-J-12	Apr. 19		72.2
134.5	Nov. 13		84.3
C-829j-J-11	Jan. 6	a	66.0
127.7	Jan. 27	a	66.1
	Mar. 4	a	66.9
	Apr. 1	a	67.8
	May 6	a	68.6
	June 3	a	69.4

* R.P. elev. 143.4 through Nov. 23, 1951; then 145.3.
a Meas. by owner from L.A. Co. F.C.D.
b Meas. by S.G.V.P.A. from L.A. Co. F.C.D.
Measts. from L.A. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-829j-J-11 Cont.	July 1	a	70.5
	Aug. 7	a	72.0
	Aug. 26	a	72.8
	Oct. 6	a	74.3
	Nov. 18	a	75.6
	Dec. 16	a	76.0
C-832-J-11 154.5	Jan. 13	a	115.
	Apr. 3	a	120.
	May 15	a	120.
	July 3	a	126.
	Nov. 13	a	142.
C-853-K-13 110.	Jan. 11		68.5
	Feb. 1		68.4
	Feb. 22		69.8
	Apr. 26		72.5
	Aug. 30		81.5
	Sep. 20		83.9
	Oct. 11		83.4
	Nov. 1		82.8
	Dec. 13		79.8
C-853a-K-13 124.2	Jan. 11		83.4
	Feb. 1		83.5
	Mar. 15		84.3
	Apr. 5		85.3
	May 17		86.8
	June 7		87.8
	July 19		90.0
	Aug. 9		90.9
	Sep. 20		93.0
	Oct. 11		94.0
	Nov. 1		94.8
	Dec. 13		95.2
C-858-L-13 77.2	Jan. 23	b	43.8
	Mar. 23	b	54.8
	May 22	b	61.6
	July 24	b	68.7
	Sep. 24	b	65.4
	Nov. 23	b	56.4
	Dec. 20	b	52.2

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
C-861-L-12 85.3	Feb. 1	41.7
	Feb. 22	43.4
	Apr. 5	51.1
	May 17	50.4
	June 7	55.5
	July 19	56.6
	Aug. 9	57.2
	Sep. 20	56.8
	Oct. 11	56.0
	Nov. 1	52.4
	Dec. 13	48.7
C-872-K-11 95.9	Jan. 11	44.6
	Feb. 1	43.8
	Feb. 22	45.0
	Apr. 5	47.0
	Apr. 26	47.5
	June 7	53.9
	July 19	55.8
	Aug. 9	56.0
	Aug. 30	53.9
	Oct. 11	55.5
	Nov. 1	52.3
	Dec. 13	49.1
C-872a-K-11 87.0	Jan. 2	38.1
	Feb. 5	37.0
	Mar. 5	37.0
	Apr. 2	41.7
	May 7	41.4
	May 28	46.0
	July 2	47.3
	Aug. 6	49.9
	Sep. 3	47.7
	Oct. 1	48.1
	Nov. 5	46.1
	Dec. 3	43.2
C-877d-L-11 71.8	Jan. 12	29.5
	Feb. 2	28.5
	Mar. 16	32.8
	Apr. 6	32.4
	Apr. 27	33.4

a Meas. by owner from L.A. Co. F.C.D.
b Meas. from O. Co. F.C.D.
Measts. by S.G.V.P.A. from L.A. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-877d-L-11	June 8	a	42.3
Cont.	July 20	a	55.6
	Aug. 10	a	56.0
	Aug. 31	a	43.4
	Oct. 12	a	42.8
	Nov. 2	a	50.8
	Nov. 24	a	35.8
	Dec. 14	a	34.0
C-885c-L-11	Jan. 12	a	24.5
58.0	Feb. 2	a	23.4
	Feb. 23	a	25.8
	Apr. 6	a	29.7
	Apr. 27	a	30.4
	June 8	a	36.2
	June 29	a	36.8
	Aug. 10	a	39.8
	Oct. 12	a	37.3
	Nov. 2	a	32.9
	Dec. 14	a	27.5
C-886a-L-11	Apr. 10	b	53.1
71.0	June 8	a	64.3
	June 29	a	65.6
	Aug. 10	b	72.9
	Aug. 31	b	68.6
	Oct. 12	b	70.8
	Nov. 2	b	65.3
	Nov. 24	b	59.8
	Dec. 14	b	55.9
C-891-L-13	Feb. 1	a	35.2
58.3	Feb. 22	a	40.4
	Apr. 5	a	55.1
	Apr. 26	a	52.1
	June 7	a	68.6
	June 28	a	68.6
	Aug. 9	a	74.3
	Aug. 30	a	66.6
	Oct. 11	a	65.9
	Nov. 1	a	57.0
C-891-L-13	Nov. 26	a	49.4
Cont.	Dec. 13	a	44.7
C-894-L-13	Jan. 28		43.4
61.7	Feb. 20		46.7
	Mar. 23		55.9
	Apr. 20		57.3
	May 22		64.1
	June 25		68.9
	July 24		73.8
	Aug. 21		70.7
	Sep. 24		70.1
	Oct. 23		64.8
	Nov. 23		56.1
	Dec. 20		51.4
C-896e-M-13	Jan. 23		37.2
53.6	Feb. 20		39.8
	Mar. 23		51.6
	Apr. 20		55.7
	May 22		58.0
	June 25		64.3
	July 24		70.5
	Aug. 21		69.0
	Sep. 24		65.8
	Oct. 23		60.6
	Nov. 23		53.6
	Dec. 20		44.6
C-897k-M-13	Jan. 23		30.9
45.2	Feb. 20		36.0
	Mar. 23		51.3
	Apr. 20		53.7
	May 22		59.9
	June 25		62.9
	July 24		75.2
	Aug. 21		73.0
	Sep. 24		66.0
	Oct. 23		59.8
	Nov. 23		52.8
	Dec. 20		39.4

a Meas. by S.G.V.P.A. from L.A. Co. F.C.D.
b Meas. from L.A. Co. F.C.D.
Measts. from O. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-900-M-13 35.3	Jan. 8		45.0
	Jan. 29		48.1
	Feb. 19		55.9
	Apr. 2		72.3
	Apr. 23		63.2
	June 4		72.5
	June 25		73.1
	Aug. 6		85.5
	Aug. 27		81.7
	Oct. 8		70.3
	Oct. 29		64.4
	Dec. 1		49.8
C-902f-M-11 *51.	Mar. 21	a	20.8
C-908b-M-12 46.2	Jan. 12		58.0
	Feb. 2		68.8
	Feb. 23		71.8
	Apr. 27		63.7
	June 8		72.9
	June 29		75.4
	July 20		82.5
	Aug. 10		82.8
	Sep. 21		78.4
	Oct. 12		76.0
	Nov. 2		71.9
	Dec. 14		68.5
C-908e-M-12 32.5	Apr. 18	a	39.5
	Nov. 27	a	44.5
C-909-N-13 22.8	Jan. 30	b	44.7
	Feb. 28	b	55.4
	Mar. 27	b	59.0
C-909-N-13 Cont.	Apr. 26	b	54.0
	June 27	b	59.6
	July 31	b	69.9
	Aug. 21	b	65.3
	Oct. 30	b	50.4
	Nov. 27	b	42.0
	Dec. 21	b	38.8
C-910b-O-13 8.1	May 10	a	24.2
	July 19	a	29.8
	Dec. 3	a	24.3
C-910j-O-12 17.8	Jan. 4	c	26.5
	Feb. 16	c	33.3
	Mar. 9	c	33.6
	Apr. 19	c	32.2
	May 24	c	32.3
	June 21	c	33.1
	July 26	c	35.4
	Aug. 23	c	35.5
	Sep. 27	c	34.0
	Oct. 25	c	34.3
	Nov. 29	c	31.0
	Dec. 13	c	31.5
C-911-O-13 11.8	Jan. 5		22.1
	Jan. 26		29.2
	Mar. 9		32.1
	Mar. 29		33.4
	May 4		27.9
	May 24		29.9
	June 21		32.5
	July 26		36.9

* New elev.,R.P. changed.
a Meas. from L.A. Co. F.C.D.
b Meas. from O. Co. F.C.D.
c Meas. by L.B.W.D. from L.A. Co. F.C.D.
Measts. by S.G.V.P.A. from L.A. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-911-O-13 Cont.	Aug. 23	a	35.5
	Sep. 27	a	32.0
	Oct. 25	a	30.8
	Nov. 8	a	29.8
C-911b-N-13 13.8	Jan. 30		44.2
	Feb. 28		48.8
	Mar. 27		53.6
	Apr. 26		46.8
	May 24		52.2
	June 27		56.5
	July 31		60.7
	Aug. 21		62.3
	Sep. 25		60.1
	Oct. 30		58.6
	Nov. 27		54.0
	Dec. 21		50.4
C-911f-O-12 *	Jan. 29		30.5
	Feb. 26		34.0
	Mar. 19		34.9
	Apr. 2		36.7
	May 7		33.5
	June 25		32.3
	July 30		33.3
	Aug. 20		35.8
	Sep. 17		36.6
	Oct. 1		36.6
	Nov. 5		36.2
	Dec. 3		35.5
C-912b-O-13 32.0	Jan. 2		41.0
	Feb. 5		53.4
	Mar. 5		56.9
	Apr. 2		60.2
	May 7		51.6
	June 4		56.7
	July 2		59.8
	Aug. 6		68.6
	Sep. 4		62.9
	Oct. 1		57.4
	Nov. 5		54.3
	Dec. 3		49.1
C-912c-O-13 21.4	Jan. 5	b	39.0
C-913c-N-11 37.5	Jan. 3	c	37.7
	Feb. 6	c	37.9
	Mar. 13	c	39.1
	Apr. 11	c	39.6
	June 5	c	40.1
	July 5	c	39.7
	Aug. 6	c	39.6
	Sep. 12	c	39.5
	Oct. 2	c	39.4
	Dec. 5	c	39.4
C-914b-N-12 31.4	Jan. 30	c	55.6
	Feb. 28	c	57.1
	Mar. 27	c	56.0
	Apr. 26	c	53.3
	May 24	c	52.3
	June 27	c	55.2
	July 31	c	60.2
	Aug. 21	c	60.9
	Sep. 25	c	58.3
	Oct. 30	c	56.2
	Nov. 27	c	53.7
	Dec. 21	c	52.5
C-926-M-11 68.9	Jan. 2	b	110.6
	Jan. 29	b	110.7
	Feb. 26	b	113.0
	Mar. 26	b	119.3
	Apr. 30	b	120.1
	June 4	b	126.9
	July 2	b	134.8
	Aug. 13	b	145.9
	Sep. 3	b	143.0
	Oct. 1	b	142.0
	Nov. 5	b	138.6
	Dec. 3	b	133.8
C-927c-N-14 48.3	Mar. 9		70.4
	Apr. 12		75.4
	May 4		69.9

* R.P. elev. 8.5 through July 30, 1951; then 9.0.
a Meas. by L.B.W.D. from L.A. Co. F.C.D.
b Meas. by S.G.V.P.A. from L.A. Co. F.C.D.
c Meas. from L.A. Co. F.C.D.
Measts. from O. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-927c-N-14 Cont.	June 12		80.2
	Aug. 9		95.6
	Sep. 14		79.8
	Oct. 9		78.3
	Nov. 8		71.4
	Dec. 7		62.6
C-929f-L-11 53.4	Jan. 2	a	96.1
	Jan. 30	a	94.1
	Mar. 5	a	95.1
	Apr. 2	a	104.2
	Apr. 30	a	104.5
	June 4	a	107.5
	July 9	a	111.4
	Aug. 6	a	119.0
	Sep. 10	a	117.2
	Oct. 8	a	117.1
	Nov. 5	a	112.5
	Dec. 3	a	104.5
C-942a-K-14 144.0	Jan. 11	b	97.8
	Feb. 1	b	99.9
	Feb. 22	b	101.5
	Mar. 15	b	96.9
	Dec. 13	b	105.5
C-950a-M-14 70.0	Jan. 23		74.1
	Feb. 20		83.1
	July 24		119.2
	Aug. 21		115.2
	Oct. 23		101.7
	Nov. 23		89.3
	Dec. 20		78.4
C-950e-M-13 49.5	Jan. 23		38.5
	Feb. 20		43.7
	Mar. 23		61.9
	Apr. 20		61.0
	May 22		66.9
	June 25		70.5
	July 24		82.1
	Aug. 21		80.2
C-950e-M-13 Cont.	Sep. 24		74.6
	Oct. 23		68.6
	Nov. 23		58.3
	Dec. 20		46.4
C-950n-M-14 63.7	Jan. 9		76.0
	Feb. 8		74.4
	Mar. 9		81.4
	Apr. 12		89.2
	May 4		84.9
	Oct. 9		96.5
	Nov. 8		89.7
	Dec. 7		75.7
C-957-H-11 303.0	Feb. 28	c	88.
	Apr. 30	c	87.
	June 2	c	87.
	Sep. 4	c	88.
	Nov. 1	c	87.
C-960-I-11 192.9	Feb. 28	c	180.
	Apr. 30	c	181.
	May 31	c	189.
	July 2	c	180.
	Sep. 4	c	182.
C-961-I-11 197.0	Feb. 28	c	200.
	Apr. 30	c	204.
	July 2	c	221.
	Sep. 4	c	225.
	Nov. 1	c	224.
C-962-I-11 196.0	Feb. 28	c	190.
	Apr. 30	c	195.
	July 2	c	208.
	Sep. 4	c	209.
	Nov. 1	c	213.
C-963-I-11 228.3	Feb. 28	c	224.
	Apr. 30	c	231.
	July 2	c	231.
	Sep. 4	c	242.
	Nov. 1	c	243.

a Meas. from L.A. Co. F.C.D.
b Meas. by S.G.V.P.A. from L.A. Co. F.C.D.
c Meas. by owner from L.A. Co. F.C.D.
Measts. from O. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
C-965-I-11	Feb. 28 a	133.
159.5	Apr. 30 a	132.
	June 30 a	138.
	Aug. 31 a	141.
	Oct. 31 a	142.
	Dec. 31 a	135.
C-966-I-11	Feb. 28 a	130.
145.5	Apr. 30 a	135.
	July 2 a	142.
	Sep. 4 a	147.
	Nov. 1 a	147.
C-968-K-15	Feb. 15	58.3
350.9	May 10	58.2
	Aug. 24	57.9
	Nov. 30	58.3
C-969a-K-16	Feb. 15	111.0
386.9	May 10	112.3
	Aug. 24	117.8
	Nov. 30	114.9
C-973b-L-16	May 10	96.5
249.	Aug. 24	95.6
	Nov. 30	95.3
C-974m-L-16	Jan. 5	174.9
176.2	Feb. 6	174.5
	Mar. 8	174.8
	Apr. 10	178.0
	May 4	177.5
	June 7	181.2
	July 5	182.4
	Aug. 7	186.5
	Sep. 13	187.7
	Oct. 5	187.7
	Nov. 6	186.8
	Dec. 6	183.7
C-974n-M-16	Jan. 4	193.3
197.8	Feb. 1	191.4
	Mar. 2	190.5
C-974n-M-16	Apr. 5	192.0
Cont.	May 3	192.3
	June 1	199.1
	July 10	202.0
	Aug. 2	202.0
	Sep. 6	202.7
	Oct. 2	206.0
	Nov. 1	203.4
	Dec. 4	201.3
C-975-L-16	Jan. 5	138.1
155.6	Feb. 6	140.2
	Mar. 8	140.3
	Apr. 10	141.2
	May 4	141.0
	June 7	142.2
	July 5	143.0
	Aug. 7	144.0
	Sep. 13	143.2
	Oct. 5	143.2
	Nov. 6	144.2
	Dec. 6	144.2
C-975K-L-16	Jan. 5	118.2
130.2	Feb. 6	117.4
	Mar. 8	117.6
	Apr. 10	118.8
	May 4	120.5
	June 7	121.7
	July 5	121.8
	Aug. 7	123.8
	Sep. 13	124.4
	Oct. 5	125.2
	Nov. 6	125.2
	Dec. 6	124.2
C-976c-M-15	Jan. 1 b	148.
152.9	Feb. 1 b	142.
	Mar. 1 b	144.
	Apr. 1 b	146.
	May 1 b	148.
	June 1 b	152.
	July 1 b	164.

a Meas. by owner from L.A. Co. F.C.D.
b Meas. by owner from O. Co. F.C.D.
Measts. from O. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
C-976c-M-15 Cont.	Aug. 1 a	167.
	Sep. 1 a	170.
	Oct. 1 a	167.
	Nov. 1 a	167.
	Dec. 1 a	166.
C-977b-M-16 167.9	Jan. 5	165.2
	Feb. 6	163.8
	Mar. 8	163.7
	Apr. 10	168.4
	May 4	166.3
	June 7	175.7
	July 5	174.2
	Aug. 7	183.0
	Sep. 13	184.4
	Oct. 5	178.6
	Nov. 6	179.4
	Dec. 6	174.1
C-978-M-16 173.8	Jan. 4	170.4
	Feb. 2	169.7
	Mar. 6	173.1
	Apr. 3	173.7
	May 1	172.0
	June 5	179.4
	July 3	180.9
	Oct. 4	185.7
	Nov. 2	183.8
	Dec. 5	183.6
C-978a-M-16 149.8	Jan. 2	150.2
	Feb. 5	153.5
	Feb. 26	164.7
	Mar. 5	161.3
	Apr. 2	177.5
	Apr. 30	160.9
	June 4	162.4
	July 2	163.6
	Sep. 11	166.1
	Oct. 1	173.8
	Nov. 5	163.2
	Dec. 3	157.1
	Dec. 31	154.0

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
C-980-L-15 113.3	Jan. 23	103.3
	Feb. 20	103.6
	Mar. 23	106.8
	Apr. 20	109.1
	May 22	112.8
	June 23	115.0
	July 24	115.4
	Sep. 24	117.5
	Oct. 23	116.1
	Nov. 23	113.6
	Dec. 20	110.8
C-9821-M-14 91.7	Jan. 9	55.8
	Feb. 8	55.1
	Mar. 9	54.9
	Apr. 12	56.6
	May 4	57.2
	June 12	58.1
	July 10	59.3
	Aug. 9	59.8
	Sep. 14	60.0
	Oct. 9	60.3
	Nov. 8	59.7
	Dec. 7	58.8
C-983e-M-15 108.0	Jan. 5	108.0
	Feb. 6	106.8
	Mar. 8	107.9
	May 4	107.6
	July 5	116.5
	Aug. 7	121.7
	Sep. 13	116.2
	Oct. 5	114.9
	Dec. 6	110.5
C-984b-N-14 64.7	Jan. 3	53.9
	Feb. 7	54.4
	Mar. 7	55.0
	Apr. 4	63.4
	May 2	58.8
	June 6	68.3
	July 4	68.0
	Aug. 1	73.0

a Meas. by owner from O.Co. F.C.D.
Measts. from O.Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
C-984b-N-14 Cont.	Sep. 5	68.0
	Oct. 3	66.9
	Nov. 7	65.3
	Dec. 5	58.7
C-985-N-14 60.6	Jan. 9	52.8
	Feb. 8	50.1
	Mar. 9	50.9
	Apr. 12	56.3
	May 4	53.9
	June 12	60.9
	Nov. 8	59.4
	Dec. 7	54.6
C-986e-N-15 112.1	Jan. 11	112.4
	Mar. 13	111.0
	Apr. 12	114.4
	May 8	114.0
	July 12	119.7
	Aug. 10	120.2
	Oct. 10	122.0
	Nov. 9	121.0
	Dec. 11	118.9
C-991e-O-13 17.4	Jan. 3	30.0
	Jan. 31	43.7
	Feb. 28	47.5
	Apr. 4	42.8
	May 2	36.5
	May 30	40.5
	July 4	42.5
	Aug. 8	48.4
	Aug. 29	44.3
	Oct. 3	39.5
	Oct. 31	41.2
	Nov. 28	35.4
C-992b-P-14 22.2	Jan. 12	37.0
	Apr. 13	39.9
	May 10	37.6
	June 15	40.8
	July 13	42.9
	Aug. 14	45.4
C-992b-P-14 Cont.	Sep. 18	41.5
	Oct. 11	40.5
	Nov. 15	38.4
	Dec. 13	34.9
C-992e-P-13 15.4	Jan. 2	24.5
	Jan. 29	40.0
	Apr. 2	36.5
	Apr. 16	56.5
	June 25	34.9
	July 9	36.7
	July 30	40.3
	Aug. 13	40.4
	Sep. 4	37.3
	Oct. 1	34.8
	Oct. 15	35.9
	Oct. 29	34.9
	Dec. 3	30.6
	Dec. 31	27.8
C-993-P-14 27.9	Jan. 12	41.2
	Mar. 15	49.3
	May 10	44.0
	June 15	47.8
	July 13	50.8
	Aug. 14	54.0
	Sep. 18	50.6
	Oct. 11	48.1
	Nov. 15	46.4
	Dec. 13	42.8
C-997-P-14 56.1	Jan. 12	67.3
	Feb. 15	69.4
	Mar. 15	69.3
	Apr. 13	72.2
	May 10	70.4
	June 15	71.8
	July 13	73.0
	Aug. 14	73.9
	Sep. 18	74.2
	Oct. 11	74.0
	Nov. 15	73.2
	Dec. 13	72.3

Measts. from O. Co. F.C.D.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
C-999f-P-14 49.1	Jan. 12	59.0
	Feb. 15	70.7
	Mar. 15	69.4
	Apr. 13	66.1
	May 10	62.8
	June 15	66.2
	Aug. 8	69.2
	Sep. 14	67.2
	Oct. 19	66.7
	Nov. 17	65.1
	Dec. 15	62.8
C-1056-M-16 201.2	Feb. 2	202.9
	Mar. 6	193.2
	May 1	193.9
	July 3	198.0
	Oct. 4	204.3
	Dec. 5	207.8
C-1058-M-16 203.8	Jan. 4 a	205.
	Feb. 2 a	204.
	Mar. 4 a	200.
	Apr. 23 a	205.
	May 7 a	204.5
	June 4 a	216.
	July 2 a	214.
	Aug. 6 a	223.
	Oct. 1 a	230.
	Nov. 5 a	218.
	Dec. 2 a	215.
C-1065-M-16 202.0	Jan. 4	197.0
	Feb. 2	195.2
	Mar. 6	194.2
	Apr. 3	196.4
	May 1	196.4
	June 5	199.7
	July 3	201.5
	Aug. 3	204.6
	Sep. 13	207.0
	Oct. 4	207.8
	Nov. 2	207.7
	Dec. 5	207.8
C-1073-M-17 215.9	Feb. 2	208.2
	Mar. 6	206.5
	Oct. 4	219.6
	Dec. 5	221.5
C-1078d-M-17 238.6	Feb. 2	208.3
	Mar. 6	206.1
	May 1	209.6
	July 3	213.8
	Oct. 4	221.3
	Nov. 2	222.7
	Dec. 5	223.4
C-1079a-M-17 248.3	Feb. 2	186.7
	Mar. 6	178.3
	May 1	196.6
	Dec. 12	209.9
C-1082-L-18 260.5	Jan. 3	76.4
	Jan. 17	77.1
	Jan. 31	76.4
	Feb. 28	73.6
	Apr. 4	70.0
	May 2	70.6
	May 30	62.9
	July 4	65.7
	Aug. 1	69.6
	Sep. 5	73.5
	Oct. 3	76.4
	Dec. 12	68.9
C-1085-L-17 245.	Jan. 4	208.3
	Feb. 2	207.5
	Apr. 3	202.1
	May 1	201.7
	June 5	202.7
	July 3	204.6
	Aug. 3	207.7
	Sep. 13	211.4
	Oct. 14	213.1
	Nov. 2	213.8
	Dec. 5	214.0

a Meas. from S.A.V.I.Co.
Measts. from O. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-1089-L-17	Jan. 4		221.5
228.8	Feb. 2		223.7
	Mar. 6		222.3
	Apr. 3		217.3
	May 1		224.1
C-1097-L-17	May 10		183.5
336.2	Aug. 24		185.5
C-1105a-N-17	Jan. 19		246.6
246.2	Feb. 16		245.2
	Mar. 22		244.2
	Apr. 19		245.7
	May 18		245.6
	June 26		248.8
	July 24		251.1
	Aug. 17		253.0
	Sep. 25		255.9
	Oct. 19		256.9
	Nov. 20		255.2
	Dec. 18		255.0
C-1105b-M-17	Jan. 19		277.5
273.5	Feb. 16		276.0
	Mar. 22		274.3
	Apr. 19		275.0
	May 18		276.9
	July 24		280.3
	Aug. 17		282.0
	Sep. 25		284.5
	Oct. 19		285.7
	Nov. 20		284.3
	Dec. 18		283.6
C-1109g-N-18	Jan. 19		340.9
332.4	Mar. 22		336.3
	May 18		341.8
	June 26		350.8
	July 24		354.7
	Aug. 17		356.4
	Sep. 25		361.1
	Oct. 19		361.4
	Nov. 20		358.5
	Dec. 18		350.8

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-1109i-N-18	Jan. 19	a	68.4
410.2	Feb. 16		65.7
	Mar. 22		65.6
	Apr. 19		66.6
	May 18		67.6
	June 26	a	65.6
	July 24	a	70.4
	Aug. 17	a	68.1
	Sep. 25	a	70.7
	Oct. 19	a	70.5
	Nov. 20	a	65.7
	Dec. 18	a	69.8
C-1112-N-18	Jan. 4	b	300.
290.4	Feb. 2	b	298.
	Mar. 11	b	297.
	Apr. 23	b	298.
	May 7	b	300.
	July 2	b	315.
	Aug. 6	b	340.
	Oct. 7	b	324.
	Nov. 5	b	318.
	Dec. 2	b	312.
C-1120-N-16	Jan. 3		149.8
153.5	Jan. 31		149.6
	Mar. 7		149.5
	Apr. 4		151.2
	May 2		151.2
	June 6		153.3
	July 4		154.4
	Aug. 1		155.7
	Sep. 5		157.6
	Oct. 3		158.2
	Oct. 10		158.8
	Oct. 31		158.2
	Dec. 5		157.2
C-1121b-N-17	Jan. 19		176.3
179.4	Feb. 16		175.1
	Mar. 22		176.4
	Apr. 19		178.8
	Sep. 25		191.0
	Oct. 19		190.3

a Pumping level.
b Meas. from S.A.V.I. Co.
Measts. from O.Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
C-1121b-N-17 Cont.	Nov. 20	187.7
	Dec. 18	184.3
C-1122b-N-16 163.1	Jan. 4	155.1
	Feb. 2	155.1
	Mar. 6	155.0
	Apr. 3	156.6
	May 1	155.7
	June 5	156.2
	July 3	157.0
	Aug. 3	157.8
	Sep. 13	158.8
	Oct. 4	159.3
	Nov. 2	159.8
	Dec. 5	160.1
C-1123b-N-16 145.	Jan. 2	153.0
	Feb. 5	151.4
	Mar. 5	155.0
	Apr. 2	177.0
	Apr. 9	158.4
	Apr. 30	161.0
	June 11	167.7
	July 16	163.4
	Aug. 20	154.6
	Sep. 4	159.5
	Oct. 8	159.8
	Nov. 5	155.7
	Dec. 3	152.4
C-1126b-M-16 175.3	Jan. 2	171.0
	Feb. 5	169.3
	Mar. 5	169.2
	Apr. 9	172.2
	Apr. 30	171.2
	June 4	176.6
	June 25	176.9
	July 30	180.8
	Aug. 26	181.9
	Sep. 24	182.2
	Oct. 8	182.7
	Nov. 5	181.2
	Dec. 3	177.6

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
C-1128a-N-16 140.1	Jan. 11	141.7
	Feb. 9	140.6
	Mar. 13	140.1
	Apr. 12	143.5
	May 8	142.4
	June 14	145.2
	July 12	146.6
	Aug. 10	148.0
	Sep. 14	149.6
	Oct. 10	149.8
	Nov. 9	149.4
	Dec. 11	148.2
C-1129m-N-16 136.1	Jan. 11	136.7
	Feb. 9	137.0
	Mar. 13	136.6
	Apr. 12	141.4
	Sep. 14	153.8
	Nov. 9	148.4
	Dec. 11	143.6
C-1130a-N-15 107.4	Jan. 11	107.6
	Feb. 9	111.4
	Mar. 13	107.8
	Apr. 12	109.8
	May 8	109.7
	June 14	113.0
	Aug. 10	116.2
C-1131-N-17 160.2	Jan. 19	158.9
	Feb. 16	157.8
	Mar. 22	158.5
	Apr. 19	160.6
	May 18	165.5
	June 26	160.0
	July 24	161.8
	Aug. 17	163.1
	Sep. 25	164.9
	Oct. 19	164.4
	Nov. 20	164.3
	Dec. 18	164.1

Measts. from O. Co. F.C.D.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-1140e-N-16 119.	Jan. 11		121.8
	Feb. 9		120.9
	Mar. 13		121.2
	Apr. 12		139.4
	May 8		123.7
	June 14		126.7
	July 12		130.2
	Aug. 16		130.4
	Sep. 14		141.7
	Oct. 10		140.7
	Nov. 9		131.2
	Dec. 11		128.5
C-1150b-N-17 206.3	Jan. 4	a	213.5
	Feb. 2	a	213.0
	Mar. 4	a	211.5
	Apr. 23	a	211.0
	May 7	a	208.0
	June 4	a	230.0
	July 2	a	224.
	Aug. 6	a	239.
	Sep. 4	a	232.
	Oct. 1	a	232.
	Nov. 5	a	227.
	Dec. 2	a	226.
C-1153b-0-15 93.6	Apr. 12		96.5
	June 14		99.1
	July 12		100.8
	Aug. 10		103.7
	Sep. 14		103.7
	Dec. 11		100.4
C-1157a-N-15 85.0	Jan. 2		86.3
	Jan. 29		86.4
	Mar. 5		87.7
	Apr. 2		90.3
	Apr. 30		89.5
	June 4		92.2
	July 2		93.6
	Aug. 6		96.0
	Sep. 4		96.2
	Oct. 1		96.0
	Oct. 15		98.6
	Dec. 3		94.1
C-1162-0-16 96.6	Jan. 11		92.0
	Feb. 9		91.6
	Mar. 13		92.1
	Apr. 12		94.2
	May 8		94.5
	June 14		96.4
	July 12		97.5
	Aug. 10		98.7
	Sep. 19		99.3
	Oct. 10		99.4
	Nov. 9		99.5
	Dec. 11		98.3
C-1168-0-15 75.5	Jan. 11		77.2
	Feb. 9		79.2
	Mar. 13		80.9
	Apr. 12		82.6
	May 8		81.9
	July 12		87.6
	Aug. 10		88.8
	Nov. 9		87.0
	Dec. 11		84.4
C-1180-P-17 38.3	Jan. 16		55.1
	Feb. 16		76.0
	Mar. 16		86.3
	Apr. 13		70.9
	May 15		63.8
	June 19		67.8
	July 17		87.0
	Aug. 16		74.2
	Sep. 20		68.3
	Oct. 16		66.2
	Nov. 15		63.4
	Dec. 14		62.2
C-1195b-C-18 *	Jan. 3		190.7
	Feb. 7		187.2
	Mar. 7		186.7
	Apr. 18		197.7
	May 2		193.4
	June 20		200.3
	July 11		200.7
	Aug. 3		205.6
	Sep. 5		205.5

* R.P. Elev. 180.7 through Nov. 7, 1951; then 180.2
a Meas. from S.A.V.I. Co.
Measts. from O. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-1195b-C-18 Cont.	Oct. 10		206.0
	Nov. 7		205.4
	Dec. 12		199.6
C-1197-O-17 151.6	Jan. 19		129.7
	Feb. 16		128.0
	Apr. 19		125.8
	May 18		130.9
	June 26		132.5
	July 24		133.6
	Aug. 17		134.2
	Sep. 25		134.9
	Dec. 18		133.9
C-1206b-P-17 87.8	Jan. 16		97.6
	Feb. 16		103.2
	Mar. 16		105.8
	May 15		109.1
	July 17		115.1
	Sep. 20		117.2
	Nov. 15		115.8
	Dec. 14		104.0
C-1208b-P-18 86.8	Oct. 26	a	115.0
C-1211a-P-18 105.9	Jan. 18	b	143.6
	Feb. 20	b	147.1
	Mar. 20	b	154.6
	Apr. 17	b	161.8
	May 17	b	170.2
	June 21	b	180.9
	July 19	b	180.6
	Aug. 16	b	186.4
	Sep. 21	b	159.9
	Oct. 18	b	160.2
	Nov. 16	b	138.4
	Dec. 17	b	132.8
C-1211c-P-18 156.5	Feb. 14	a	158.6
	Nov. 5	a	191.4

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-1211k-P-18 77.7	Jan. 18		90.5
	Feb. 20		97.4
	May 17		113.5
	June 21		115.6
	Oct. 18		112.8
	Nov. 16		106.6
	Dec. 17		104.0
C-1216b-P-19 220.2	Jan. 18		213.1
	Feb. 20		212.8
	Mar. 20		220.8
	June 21		240.8
	Aug. 16		248.4
	Oct. 18		241.9
	Dec. 17		230.3
C-1217a-Q-19 283.4	Jan. 18		266.4
	Feb. 20		255.0
	Mar. 20		272.2
	Apr. 17		282.8
	May 17		285.1
	June 21		276.9
	July 19		278.4
	Aug. 16		282.3
	Sep. 21		286.6
	Oct. 18		283.1
	Nov. 16		279.6
	Dec. 17		276.9
C-1220a-Q-18 155.0	Jan. 18		101.9
	Feb. 20		102.7
	Mar. 20		102.4
	Apr. 17		104.8
	May 17		105.4
	June 21		106.4
	Aug. 16		108.9
	Sep. 21		109.4
	Oct. 18		110.0
	Nov. 16		109.2
C-1220t-Q-19 178.2	Feb. 15	a	183.8
	Oct. 26	a	185.4

a Meas. from owner.
b Pumping nearby
Measts. from O.Co.F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
C-1222n-P-18 99.4	Feb. 9	a	179.7
	Oct. 27	a	177.2
C-1224-Q-18 96.0	Jan. 18		92.7
	Feb. 20		93.1
	Mar. 20		100.0
	Apr. 17		115.4
	May 17		121.3
	June 21		116.5
	July 19		109.9
	Aug. 16		114.5
	Sep. 21		112.0
	Oct. 18		100.6
	Nov. 16		99.8
	Dec. 17		95.4
C-1225-Q-18 101.0	Jan. 18		19.1
	Mar. 20		19.1
	Apr. 17		19.6
	May 17		19.9
	June 21		20.9
	July 19		21.5
	Aug. 16		22.5
	Sep. 21		22.7
	Oct. 18		23.0
	Nov. 16		23.3
	Dec. 17		22.9
C-1227c-P-18 69.7	Oct. 29	a	161.4
C-1227f-Q-17 45.0	Feb. 14	a	65.7
	July 2	a	76.0
	Oct. 30	a	80.8
C-1230-P-17 54.2	Jan. 16		31.9
	Feb. 16		33.9
	Mar. 16		35.8
	Apr. 13		33.8
	May 15		33.9
	June 19		34.9
	July 17		36.3
	Aug. 16		36.8
C-1230-P-17 Cont.	Sep. 20		36.5
	Oct. 16		36.2
	Nov. 15		36.0
	Dec. 14		34.8
C-1231b-P-17 39.9	Jan. 16		55.9
	Feb. 16		76.6
	May 15		71.4
	June 19		77.6
	Aug. 16		82.4
	Oct. 16		73.0
	Nov. 15		69.5
C-1243-Q-16 40.1	Jan. 16		28.9
	Feb. 16		30.8
	Mar. 16		31.6
	Apr. 13		30.8
	May 15		30.8
	June 19		31.6
	July 17		31.0
	Aug. 16		30.7
	Sep. 20		30.7
	Oct. 16		31.3
	Nov. 15		31.6
	Dec. 14		31.4
C-1249-Q-16 40.2	Jan. 16		56.8
	Feb. 16		67.3
	Apr. 13		71.7
	May 15		68.4
	June 19		59.9
	July 17		78.6
	Aug. 16		76.1
	Sep. 20		70.1
	Oct. 16		69.5
	Nov. 15		67.2
	Dec. 19		65.2
C-1250-P-15 38.9	Jan. 2		43.7
	Apr. 2		54.3
	Apr. 30		50.2
	June 4		51.7
	June 25		51.5

a Meas. from owner.
Measts. from O. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
C-1250-P-15 Cont.	Aug. 6	55.9
	Sep. 4	53.4
	Oct. 1	51.9
	Nov. 5	51.2
	Dec. 3	50.2
C-1255-P-15 27.4	Jan. 12	35.6
	Feb. 15	48.7
	Mar. 15	53.4
	Apr. 13	42.9
	May 10	42.7
	June 15	45.9
	July 13	49.6
	Aug. 14	51.7
	Sep. 18	47.1
	Oct. 11	45.5
	Nov. 15	42.9
	Dec. 13	38.6
C-1257-Q-15 14.0	Jan. 12	28.4
	Feb. 15	44.1
	Mar. 15	42.2
	Apr. 13	33.5
	May 10	30.5
	June 15	32.4
	July 13	34.7
	Aug. 14	35.9
	Sep. 18	32.2
	Oct. 11	31.2
	Nov. 15	30.0
	Dec. 13	27.0
C-1263-Q-14 4.9	Jan. 3	9.0
	Jan. 31	8.8
	Mar. 7	8.9
	Apr. 4	8.8
	May 2	8.4
	June 6	8.8
	July 4	9.4
	July 25	10.0
	Nov. 7	10.0
	Dec. 5	9.6
C-1263a-Q-14 6.8	Jan. 3	10.6
	Jan. 31	15.9
	Feb. 21	20.6
	Mar. 7	19.1
	Apr. 4	17.4
	May 2	14.1
	June 6	13.4
	July 4	13.9
	Aug. 1	15.0
	Sep. 5	14.2
	Oct. 3	13.3
	Oct. 31	12.6
	Dec. 5	12.2
C-1264-Q-14 5.9	Jan. 12	8.3
	Feb. 15	12.0
	Mar. 15	12.6
	Apr. 13	10.2
	May 10	10.5
	June 15	11.1
	July 13	11.4
	Aug. 14	12.2
	Sep. 18	11.3
	Oct. 11	10.5
	Nov. 15	11.0
	Dec. 13	9.6
C-1265-Q-15 6.5	Jan. 12	12.4
	Feb. 15	22.6
	Mar. 15	22.6
	Apr. 13	18.3
	May 10	15.0
	June 15	15.8
	July 13	16.2
	Aug. 14	17.1
	Sep. 18	15.8
	Oct. 11	15.0
	Nov. 15	14.2
	Dec. 13	13.0

Measts. from O. Co. F.C.D.

Records of Ground Water Levels at Wells

in District "D"

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
D-703a-H-20 990.	Dec. 7	a	295.7
D-705-F-20 1831.5	Jan. 10		216.5
	Feb. 7		210.2
	Mar. 7		205.7
	Apr. 4		206.0
	May 2		203.6
	June 13		202.3
	July 11		202.9
	Aug. 8		204.7
	Sep. 5		207.2
	Oct. 3		209.6
	Nov. 14		209.0
	Dec. 12		206.5
D-705g-F-21 1840.0	Jan. 2		243.3
	Feb. 5		226.9
	Mar. 5		219.3
	June 1		239.7
	Aug. 6		251.0
	Sep. 4		252.6
	Oct. 1		253.0
	Dec. 3		242.0
D-707-F-21 1840.4	Jan. 24		395.0
	Feb. 7		391.8
	Mar. 7		390.0
	May 2		402.4
	Dec. 12		421.2
D-708-F-21 1492.5	Feb. 7		257.2
	Mar. 7		249.8
	Apr. 4		263.6
	May 2		268.7
D-713b-F-20 1500.	Jan. 1		361.5
	Feb. 5		368.6
	Mar. 5		364.2
	Apr.		366.8
	May		369.9
	June		373.5
	Aug.		381.2
	Sep.		386.9
	Oct.		388.2
D-713b-F-20 Cont.	Nov.		383.1
	Dec.		381.1
D-716-G-21 1212.8	Jan. 2		498.
	Feb. 5		498.
	Mar. 5		498.
	Apr. 2		496.
	May 7		496.
	June 1		500
	July 2		499.
	Oct. 1		505.
	Nov. 5		505.
	Dec. 3		505.
D-718a-G-20 1215.	Jan. 1		496.1
	Feb. 12		515.8
	Mar. 5		513.5
	Apr.		518.2
	Nov.		530.3
	Dec.		528.3
D-721b-G-20 1049.4	Dec. 10	a	342.5
D-723-G-20 1115.2	Mar. 22	a	404.8
	Dec. 10	a	409.2
D-724-G-21 1173.	Mar. 22	a	456.5
	Dec. 10	a	470.5
D-727-H-21 1093.	Jan. 10		388.
	Feb. 7		386.9
	Mar. 7		385.8
	Apr. 4		385.6
	May 2		386.0
	Dec. 12		397.1
D-728-H-20 1032.	Mar. 22	a	337.8
	Dec. 7	a	352.5
D-729-H-20 985.	Mar. 23	a	302.0
	Dec. 7	a	305.5
D-743h-I-19 771.	Dec. 21	a	103.0

a Meas. from S.B. Co. F.C.D.
Measts. from owner except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
D-743z-I-19 746.0	Jan. 2	77.6
	Feb. 1	77.4
	Mar. 2	72.3
	Apr. 2	91.2
	May 1	81.3
	June 1	93.
	July 5	102.2
	Aug. 2	107.6
	Sep. 3	99.7
	Oct. 1	92.7
	Nov. 2	93.6
	Dec. 6	83.4
D-745-I-20 821.2	Mar. 28	150.1
D-748c-I-21 807.4	Dec. 10	170.6
D-753a-I-20 743.6	Mar. 28	95.0
D-754a-I-19 727.8	Mar. 28	69.3
D-757a-I-19 659.4	Jan. 2	52.5
	Feb. 1	49.9
	Mar. 2	49.7
	Apr. 2	50.1
	May 1	50.4
	June 1	49.7
	Aug. 2	50.6
	Sep. 3	49.2
	Oct. 1	48.7
	Dec. 6	47.5
D-759b-I-20 669.0	Mar. 26	57.3
D-762a-I-21 692.7	Mar. 28	65.5
D-763-J-21 651.9	Jan. 2	43.4
	Feb. 1	41.8
	Mar. 2	40.6
	Apr. 2	44.0
D-763-J-21 Cont.	May 1	43.2
	June 1	45.0
	July 5	49.4
	Aug. 2	51.2
	Sep. 3	52.9
	Oct. 1	51.9
	Nov. 2	50.9
	Dec. 5	49.2
D-766-J-20 605.8	Dec. 22	22.0
D-768-J-19 704.8	Mar. 28	35.8
D-771a-J-20 600.5	Jan. 4 a	29.2
	Feb. 2 a	27.6
	Mar. 9 a	26.4
	Apr. 4 a	32.7
D-772-J-20 571.3	Jan. 4 a	5.0
	Feb. 2 a	4.0
	Mar. 9 a	3.4
	Apr. 4 a	6.3
	Sep. 25 a	12.5
D-773-J-21 587.0	Dec. 27	15.9
D-775-J-21 570.7	Mar. 26	12.9
D-776c-J-20 555.1	Jan. 8	8.6
	Feb. 6	8.2
	Mar. 5	7.7
	Apr. 9	8.3
	May 7	9.7
	June 4	10.4
	July 11	11.4
D-776e-J-21 573.4	Jan. 2	7.4
	Feb. 1	6.4
	Mar. 2	6.1
	Apr. 2	8.1
	May 1	8.8
	June 1	9.3

a Meas. from O. Co. F.C.D.
Measts. from S.B. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
D-776e-J-21 Cont.	July 5	a	10.1
	Aug. 2	a	15.9
	Sep. 3	a	18.2
	Oct. 1	a	16.9
	Nov. 2	a	15.2
	Dec. 5	a	14.6
D-777a-J-20 538.0	Mar. 26	a	5.7
	Aug. 22	a	15.3
	Dec. 21	a	5.8
D-780-K-20 523.7	Jan. 4		17.7
	Feb. 6		16.8
	Mar. 9		16.3
	Apr. 4		17.8
	May 23		18.1
	June 26		18.9
	July 16		21.2
	Aug. 22		22.8
	Sep. 25		22.2
	Oct. 11		21.9
	Nov. 19		20.8
	Dec. 27		19.0
D-780b-K-20 535.8	Jan. 4		14.2
	Feb. 6		14.9
	Mar. 9		14.7
	Apr. 4		18.0
	Sep. 25		25.0
D-782-K-21 552.6	Jan. 5		30.6
	Feb. 6		29.2
	Mar. 9		27.7
	Apr. 4		27.2
	Sep. 26		32.8

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
D-783-K-21 540.3	Jan. 5		34.5
	Feb. 14		34.4
	Mar. 16		34.4
	Apr. 5		34.5
	May 23		34.7
	June 26		34.9
	July 16		35.1
	Aug. 22		35.4
	Sep. 26		35.6
	Oct. 11		35.7
	Nov. 19		35.8
	Dec. 27		35.7
D-784d-K-21 501.7	Jan. 5		2.1
	Feb. 6		1.4
	Mar. 9		1.0
	Apr. 4		8.0
	May 23		6.0
	June 26		6.5
	Sep. 19		16.4
	Oct. 11		11.2
	Dec. 27		3.3
D-788-K-21 479.3	Jan. 8	a	6.5
	Feb. 6	a	6.1
	Mar. 5	a	5.8
	Apr. 9	a	6.1
	May 7	a	6.3
	June 4	a	6.9
	July 11	a	7.0
	Aug. 8	a	7.6
	Sep. 5	a	7.5
	Oct. 4	a	7.4
	Nov. 7	a	7.0
	Dec. 27	a	6.6
D-788a-K-21 489.5	Jan. 5		8.4
	Feb. 14		7.7
	Mar. 12		6.8

a Meas. from S.B. Co. F.C.D.
Measts. from O.Co.F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
D-788a-K-21 Cont.	Apr. 5		6.7
	May 23		8.2
	June 26		8.8
	July 16		9.2
	Aug. 22		9.9
	Sep. 20		9.9
	Oct. 11		10.0
	Nov. 19		9.2
	Dec. 27		8.8
D-789-L-21 477.6	Jan. 9		10.5
	Feb. 6		9.9
	Mar. 12		9.9
	Apr. 5		10.4
D-801-K-21 563.5	Jan. 9	a	18.4
	Feb. 7	a	18.0
	Mar. 6	a	18.7
	June 5	a	21.4
	Aug. 9	a	25.4
	Dec. 14	a	20.3
D-802-K-21 545.6	Jan. 5		33.5
	Feb. 14		30.4
D-812-K-22 562.8	Feb. 1		33.7
	Mar. 6		32.6
	Dec. 27		64.6
D-813-K-22 547.4	Jan. 3		8.5
	Feb. 1		8.2
	Mar. 6		8.0
	Mar. 14		8.2
	Apr. 3		10.5
	Sep. 17		10.4
D-902a-I-21 750.8	Mar. 27	a	101.2
	Dec. 20	a	108.0
D-905-J-21 632.2	Jan. 4		32.0
	Feb. 2		29.6
	Mar. 6		28.4
	Apr. 3		32.3
D-905a-J-21 622.6	Jan. 4		27.0
	Feb. 2		24.8
	Mar. 6		24.0
D-906b-J-21 594.1	Jan. 4		11.8
	Feb. 2		9.5
	Mar. 6		12.5
	Apr. 3	b	29.2
	Sep. 24	b	44.2
D-906d-J-21 602.8	Jan. 9	a	20.0
	Feb. 7	a	14.6
	Mar. 6	a	15.4
	Apr. 24	a	23.7
	May 8	a	22.6
	June 5	a	27.7
	Sep. 6	a	35.7
	Sep. 21	a	33.9
	Nov. 8	a	27.4
	Dec. 14	a	21.2
D-906i-J-21 563.6	Jan. 9	a	9.8
	Jan. 23	a	7.5
	1949		
D-907b-J-22 578.8	Nov. 7	c	12.6
	1950		
	Jan. 11	c	9.6
	Feb. 28	c	7.8
	May 3	c	10.5
	June 12	c	22.2
	July 13	c	25.4
	Aug. 3	c	22.3
	Sep. 19	c	14.2
	Nov. 15	c	11.5
	1951		
	Feb. 6	c	7.9
	Mar. 14	c	11.0

a Meas. from S.B.Co.F.C.D.
b Pumping nearby.
c Meas. from Riv. Co. F.C.D.
Measts. from O.Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
D-907b-J-22 Cont.	Apr. 4	a	11.3
	June 21	a	20.8
	July 25	a	20.9
	Aug. 23	a	16.5
	Sep. 10	a	9.1
D-908a-J-22 626.0	Feb. 1	b	25.2
	Mar. 6	b	24.6
	Apr. 3	b	37.7
	Sep. 24	b	37.5
D-909-J-22 658.6	Dec. 7		48.4
D-910-I-22 725.5	Mar. 26		84.9
D-915-I-22 718.0	Jan. 3	b	79.8
	Feb. 1	b	84.3
	Mar. 6	b	84.2
	Apr. 3	b	85.0
	Sep. 24	b	91.0
D-918d-J-22 599.8	Jan. 9		30.9
	Feb. 7		30.0
	Mar. 6		31.1
	Apr. 10		33.1
	May 8		31.7
	June 5		33.1
	Sep. 21		35.9
	Dec. 14		32.0
D-921a-J-22 663.4	Sep. 26		37.8
	Dec. 6		35.2
D-922-I-22 726.6	Mar. 26		88.7
	Dec. 19		92.0
D-922c-I-22 712.6	Feb. 1	b	76.2
	Mar. 6	b	75.1
	Dec. 7		84.7

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
D-928-I-23 702.0	Jan. 3	b	64.0
	Feb. 1	b	63.4
	Mar. 6	b	63.6
	Apr. 3	b	65.1
	Sep. 27	b	73.1
	Oct. 30	a	69.1
	Nov. 13	a	70.3
D-928a-J-23 681.3	Aug. 21		54.8
	Dec. 6		53.4
D-929-J-23 646.4	Jan. 2		50.2
	Feb. 1		50.7
	Mar. 2		48.8
	May 1		50.4
	June 1		51.4
	Dec. 5		52.3
D-929a-J-23 652.6	Jan. 3	b	46.7
	Feb. 1	b	47.8
	Mar. 6	b	46.8
D-934-I-23 716.0	Mar. 19		70.2
	Dec. 7		73.7
D-935-I-23 785.3	Mar. 26		119.5
	Dec. 19		117.6
D-936a-I-23 846.0	Mar. 26		141.3
D-939b-I-23 717.6	Mar. 26		91.9
D-940b-J-23 701.3	Jan. 9		69.0
	Feb. 7		68.8
	Mar. 6		68.8
	Apr. 10		69.2
	May 8		69.4
	June 5		69.6
	July 12		70.2

a Meas. from Riv. Co. F.C.D.
b Meas. from O. Co. F.C.D.
Measts. from S.B. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
D-940b-J-23 Cont.	July 25		70.4
	Aug. 9		70.8
	Sep. 21		71.4
	Oct. 5		71.5
	Nov. 8		70.6
	Dec. 14		70.6
D-975c-I-25. 817.6	Dec. 4		49.5
D-975d-I-25 770.7	Jan. 13	a	14.0
	Mar. 17	a	14.4
	May 19	a	12.6
	July 14	a	15.1
	Sep. 15	a	15.3
	Nov. 10	a	14.7
D-983c-I-26 851.0	Jan. 13	a	57.8
	Feb. 17	a	57.8
	Apr. 14	a	58.0
	May 19	a	58.1
	June 16	a	58.3
	July 14	a	58.6
	Aug. 11	a	58.8
	Sep. 15	a	59.0
	Oct. 13	a	59.2
	Nov. 10	a	59.5
D-984-I-26 930.9	Feb. 2	a	92.2
	Mar. 20	a	93.4
	Dec. 6	a	97.3
D-984d-I-26 946.4	Jan. 2		106.4
	Feb. 1		106.2
	Mar. 2		106.0
	Apr. 2		106.2
	May 1		106.8
	June 1		108.6
	July 5		109.3
	Aug. 2		109.9
	Sep. 4		110.1
	Oct. 1		108.2
	Nov. 2		111.3
	Dec. 5		111.3
D-985c-I-26 895.9	1951		
	Jan. 13	a	74.5
	Feb. 17	a	74.0
	Aug. 11	a	80.2
	1949		
D-985d-I-26 825.8	Jan. 11	a	5.5
	Feb. 6	a	4.8
	Mar. 11	a	4.0
	Apr. 8	a	6.8
	May 8	a	7.0
	Nov. 5	a	8.6
	Dec. 2	a	8.0
	Dec. 24	a	7.0
	1950		
	Jan. 8	a	6.9
	Feb. 4	a	5.0
	Mar. 7	a	4.3
	Apr. 16	a	5.6
	Oct. 28	a	11.6
	Nov. 6	a	11.4
	Dec. 3	a	8.4
	1951		
	Jan. 7	a	9.7
	Feb. 5	a	8.7
	Mar. 4	a	7.6
	Nov. 18	a	13.2
	Dec. 2	a	14.8
D-986-I-26 876.4	Jan. 13	a	61.2
	Feb. 17	a	61.0
	Mar. 17	a	60.5
	May 19	a	62.2
	June 16	a	63.1
	July 14	a	65.9
	Aug. 11	a	65.0
	Sep. 15	a	66.1

a Meas. from owner.
Measts. from S.B. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
D-1001b-G-21	Jan. 2	a	216.0
1420.3	Feb. 2	a	198.0
	Mar. 2	a	194.0
	May 1	a	221.0
	Dec. 1	a	232.0
D-1001i-G-21	May 1	a	182.0
1396.1			
D-1002-G-21	Mar. 22		88.1
1269.0	Dec. 10		103.6
D-1002b-G-21	Mar. 22		420.3
1164.3			
D-1005a-H-21	Mar. 26		201.1
906.2	Dec. 7		214.5
D-1007b-H-22	Dec. 20		159.8
870.8			
D-1012b-G-22	Mar. 22		105.1
1322.0	Dec. 11		125.6
D-1014-G-22	Mar. 23		416.0
1203.6			
D-1022-G-22	Mar. 22		330.4
1077.8			
D-1024-G-22	Mar. 22		462.8
1331.3	Dec. 11		464.6
D-1029-H-23	Mar. 26		228.3
974.6	Dec. 6		232.3
D-1030-H-23	Jan. 2		176.7
862.6	Feb. 1		176.7
	Mar. 2		176.7
	Apr. 2		176.7
	June 1		178.9
	July 5		177.5
	Aug. 2		178.6
D-1030-H-23	Sep. 3		181.7
Cont.	Oct. 1		182.0
	Nov. 2		181.2
	Dec. 5		180.4
D-1033-H-23	Jan. 2		285.0
1046.8	Feb. 1		282.7
	Mar. 2		283.8
	Apr. 2		284.3
	May 1		285.1
	June 1		285.3
	July 5		287.4
	Oct. 1		286.5
	Nov. 2		290.7
	Dec. 6		289.1
D-1037-G-23	Mar. 21		409.2
1194.6			
D-1043-H-24	Dec. 18		135.9
882.9			
D-1043b-H-24	Mar. 13		172.8
937.5	Mar. 20		172.7
D-1044-H-24	Jan. 2		192.5
959.0	Feb. 1		190.8
	Mar. 2		190.7
	Apr. 2		191.6
	May 1		191.4
	June 1		192.1
	July 5		194.0
	Aug. 2		194.2
	Sep. 3		194.0
	Oct. 1		194.3
	Nov. 2		194.2
	Dec. 5		202.7
D-1050-G-24	Sep. 6		376.9
1165.7	Dec. 15		378.7
D-1050a-G-24	Feb. 27	a	448.5
1246.5	Dec. 15	a	453.8

a Meas. from Fontana Union Water Co.
Measts. from S.B. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
D-1052-H-24	Feb. 27	a	295.4
1079.8	Sep. 16	a	309.2
	Dec. 15	a	298.6
D-1053-H-24	Feb. 27		238.5
1024.9	June 5		242.4
	Sep. 6		249.3
	Dec. 15		243.3
D-1054c-H-24	Mar. 13	a	174.4
964.4			
D-1055-H-24	Feb. 27		189.1
979.9	Mar. 1		188.9
	Mar. 13	a	188.8
D-1059-G-24	Feb. 27		411.3
1210.5	Dec. 15		416.4
D-1061-G-25	Mar. 2		572.2
1397.2			
D-1062-G-25	Feb. 27		434.2
1247.8	June 5		434.2
	Sep. 6		436.4
	Dec. 15		436.8
D-1062a-G-25	Apr. 27		429.2
1236.4	Dec. 15		435.8
D-1064-H-25	Feb. 27		303.6
1107.5	Dec. 15		310.3
D-1064a-H-25	Feb. 27		348.4
1156.9	June 5		350.7
	Sep. 6		353.1
	Dec. 15		351.9
D-1064b-H-25	Feb. 27		340.1
1142.5	June 5		341.2
	Sep. 6		343.3
	Dec. 15		343.8

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
D-1065-H-25	Jan. 2	a	255.5
1050.0	Feb. 1	a	249.2
	Mar. 2	a	249.0
	Apr. 2	a	248.8
	May 1	a	249.0
	June 1	a	248.6
	July 5	a	250.5
	Aug. 2	a	250.1
	Sep. 3	a	250.0
	Oct. 1	a	252.1
	Nov. 2	a	250.6
	Dec. 5	a	250.5
D-1066-H-25	Mar. 20		220.4
1024.5			
D-1068-H-25	Jan.	b	246.9
1082.4	Feb.	b	247.4
	Mar.	b	247.7
	Apr.	b	247.5
	Nov.	b	254.3
	Dec.	b	253.1
D-1072-G-25	Jan. 15		280.9
1049.9	Feb. 12		272.1
	Mar. 12		269.6
	Apr. 13		268.0
	July 13		319.0
	Aug. 13		320.2
	Sep. 13		322.5
	Oct. 16		322.5
	Nov. 13		307.9
	Dec. 11		311.9
D-1072a-G-25	Jan. 15		289.5
1409.6	Feb. 12		271.8
	Mar. 13		270.2
	Apr. 13		268.3
	Oct. 16		325.6
	Nov. 13		306.4

a Meas. from S.B.Co.F.C.D.
b Meas. from owner.
Measts. from Fontana Union Water Co. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
D-1075-G-25	Feb. 27		323.7
1180.8	May 18		329.8
	Dec. 15		329.6
D-1075a-G-25	Feb. 27		378.9
1228.7	Mar. 2		379.0
	June 5		380.1
	Sep. 6		383.0
	Dec. 15		384.1
D-1077-H-25	Mar. 20		108.5
1030.2			
D-1081-H-26	Jan. 2		248.4
1105.7	Feb. 1		249.1
	Mar. 2		248.8
	Apr. 2		248.9
	May 1		248.9
	June 1		250.0
	July 5		250.9
	Aug. 2		251.8
	Sep. 3		252.7
	Oct. 1		254.1
	Nov. 2		253.4
D-1084-G-26 *	Mar. 21		301.7
D-1085a-G-26	Feb. 27	a	301.7
1346.6	Apr. 30	b	301.
	May 7	b	302.
	June 4	b	306.5
	July 2	b	309.5
	Aug. 6	b	312.
	Sep. 3	b	313.
	Oct. 1	b	314.
	Nov. 5	b	329.5
	Dec. 3	b	312.5
D-1088-H-26	Jan.	b	178.8
1037.6	Feb.	b	177.1
	Mar.	b	177.8
	Apr.	b	177.7
	May	b	178.5

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
D-1088-H-26	Aug.	b	182.9
Cont.	Oct.	b	183.3
	Nov.	b	183.3
	Dec.	b	182.6
D-1090-H-26	Mar. 12		112.3
967.6	Dec. 6		118.6
D-1091-H-26	Dec. 4		25.8
869.6			
D-1092c-H-26	Mar. 19		12.3
870.1	Dec. 4		18.6
D-1092d-H-26	Mar. 12		125.5
999.7	Dec. 6		147.7
D-1095-G-26	Jan.	b	196.1
1177.2	Feb.	b	191.1
	Mar.	b	195.9
	Apr.	b	197.0
	May	b	199.1
	Nov.	b	210.3
	Dec.	b	208.5
D-1105-F-21	Feb. 7	b	423.8
1684.4	Mar. 7	b	418.3
	May 2	b	428.9
	Dec. 12	b	474.0
D-1105e-F-21	Mar. 21		351.7
1635.	Dec. 11		382.7
D-1107L-F-22	Mar. 21		231.2
1521.0			
D-1108-F-22	Mar. 21		340.7
1696.8			
D-1116b-F-22	Mar. 21		327.4
1945.0	Dec. 17		341.
D-1161-E-25	Jan. 15		90.8
2244.1	Feb. 12		89.6

* R.P. elev. 1352.1 through Mar. 21, 1951; then 1353.2.
a Meas. from Fontana Union Water Co.
b Meas. from owner.
Measts. from S.B. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
D-1161-E-25 Cont.	Mar. 12	a	87.8
	Oct. 16	a	97.6
D-1162a-E-25 2068.9	Jan. 15	a	122.2
	Feb. 12	a	121.3
	Mar. 12	a	120.6
	Apr. 13	a	121.3
	May 14	a	122.4
	June 15	a	124.5
	July 13		125.2
	Aug. 13		125.6
	Sep. 13		126.1
	Oct. 16		125.9
	Nov. 13		125.4
	Dec. 11		125.4
D-1164-E-25 1806.6	Feb. 27		162.5
	June 5		163.7
	Sep. 7		163.7
	Dec. 13		163.9
D-1165-F-25 1625.6	Feb. 28		380.0
D-1166-F-25 1525.4	Mar. 21	a	314.3
D-1170b-E-25 1852.9	Feb. 9		74.2
	Feb. 15		74.5
	Mar. 13		70.2
	Apr. 13		73.2
	May 14		75.0
	June 14		85.2
	Sep. 13		84.6
	Oct. 16		72.0
	Nov. 13		71.1
	Dec. 11		70.4
D-1177a-F-25 1514.2	Feb. 15		401.1
	June 6		404.0
	Sep. 7		407.4
	Dec. 15		413.5

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
D-1182b-E-26 1598.9	Jan. 15		362.5
	Feb. 12		363.3
	Mar. 12		363.9
	Apr. 13		365.0
	May 14		366.4
	June 14		367.6
	Aug. 13		369.7
	Sep. 13		370.6
	Oct. 16		370.9
	Nov. 13		371.5
	Dec. 11		371.3
D-1182c-E-26 1550.5	Feb. 12		330.1
	Mar. 12		331.2
	Sep. 13		358.0
	Oct. 16		361.7
	Dec. 11		363.4
D-1184-E-26 1879.0	Jan. 8	b	169.6
	May 9	b	157.6
	May 25	b	162.8
D-1188a-F-26 1455.9	Jan. 15		247.6
	Feb. 12		244.5
	Mar. 12		243.2
	Dec. 11		277.1
D-1188h-F-26 1496.4	Jan. 8	b	85.1
	Mar. 8	b	84.6
	May 9	b	83.0
	July 12	b	92.2
	Sep. 26	b	102.0
	Nov. 29	b	100.9
D-1192c-F-26 1367.5	Feb.	c	250.1
	Mar.	c	243.5
	May	c	251.9
	July	c	274.0
	Aug.	c	299.6
	Sep.	c	294.6
	Oct.	c	300.3
	Dec.	c	297.3

a Meas. from S.B.Co. F.C.D.
b Meas. from S.B.W.D.
c Meas. from owner.
Measts. from Fontana Union Water Co., except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
D-1253-D-24 2760.	Jan. 15	20.4
	Feb. 12	20.7
	Mar. 12	20.5
	Apr. 13	20.7
	May 14	21.0
	June 14	21.2
	July 13	21.4
	Dec. 11	19.0

Measts. from Fontana Union Water Co.

Records of Ground Water Levels at Wells

in District "E"

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
E-2-E-27	Jan. 5		196.3
1622.0	Feb. 9		197.0
	Mar. 8		198.1
	May 15		205.1
	June 23		217.3
	Aug. 31		222.4
	Nov. 20		219.8
E-2a-E-27	Jan. 5		217.5
1531.2	Feb. 9		216.1
	Mar. 8		216.5
	Apr. 3		218.9
	May 9		220.6
	June 7		220.5
	July 12		223.2
	Aug. 2		223.6
	Sep. 4		225.8
	Oct. 18		226.3
	Nov. 29		226.2
E-4a-F-27	Mar. 8		185.0
1303.4	May 9		185.6
	Aug. 22		210.2
E-5d-F-27	Jan. 8		239.6
1279.8	Mar. 8		235.9
	July 12	a	
E-5e-F-27	Jan. 8		160.1
1258.4	Mar. 8		155.7
	Nov. 29		174.2
E-6-F-27	Jan. 9		246.6
1248.2	Feb. 9		234.6
	Mar. 9		232.2
	Apr. 4		252.5
	June 7		264.0
	Sep. 5		275.0
	Oct. 11		280.0
	Nov. 30		270.0
	Dec. 20		272.0
E-7-G-7	Jan.	b	86.1
1160.5	Feb.	b	81.1
	Mar.	b	81.8
	May	b	81.9
	Dec.	b	99.8
E-8a-G-27	Mar. 9		174.0
1203.5	May 10		174.7
	July 13		177.9
	Sep. 28		179.2
	Nov. 30		178.6
E-10-E-27	Jan. 8	c	175.8
1412.0	Feb. 9		174.9
	Mar. 8		174.7
	Apr. 3		177.0
	May 9	c	179.7
	May 29	c	180.3
	June 20		181.5
	July 12		183.0
	Aug. 2		185.1
	Sep. 4		186.7
	Oct. 30		187.3
	Nov. 29		186.4
	Dec. 26		185.1
E-15-G-27	Jan. 9		54.8
1116.2	Mar. 9		46.9
	July 13		40.7
E-22-G-27	Mar. 9		31.0
1082.9	May 10		32.2
	July 17	d	
E-23-G-27	Mar. 9	c	31.2
1069.90	May 10	c	38.0
	July 13		41.5
	Oct. 1		43.9
E-27-F-28	Jan. 9		40.3
1110.1	Jan. 23		40.6

a Dry at 276.0 feet.
b Meas. from owner.
c Pumping nearby.
d Dry at 34. feet.
Measts. from S.B.W.D. except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
E-27-F-28 Cont.	Mar. 9	40.6
	May 10	40.4
	July 12	43.7
	Sep. 28	46.0
	Nov. 30	48.0
E-29-G-28 1031.3	Feb. 9	+27.7
	Mar. 6	+27.7
	Apr. 17	+17.9
	May 1	+23.1
	May 22	+19.6
	June 20	+11.5
	Dec. 26	+26.3
E-29b-G-27 1047.6	Jan. 11	9.4
	Mar. 10	8.7
	May 10	14.5
	July 17	19.7
	Sep. 28	23.7
	Dec. 1	15.2
E-34b-F-28 1319.2	Jan. 3	176.4
	Mar. 6	176.8
	May 8	178.5
	July 11	179.7
	Sep. 26	183.0
	Nov. 28	184.0
E-36-F-28 1161.8	Jan. 8 a	90.4
	Mar. 8	88.3
	Apr. 3	92.6
	May 22	93.6
	July 19	99.7
	Aug. 11	101.2
	Sep. 27 a	104.3
	Oct. 3	102.1
	Nov. 30	106.4
	Dec. 31	102.8
E-37-F-28 1130.3	Jan. 8	63.5
	Mar. 9	56.8
	May 9	66.0
	July 12	71.0
	Nov. 30	74.2
E-42-G-28 1059.3	Jan. 28	+4.6
	Feb. 3	+9.2
	Mar. 6	+9.2
	Apr. 4	5.8
	May 13	6.4
	June 7	9.5
	July 20	17.4
	Aug. 14	17.2
	Sep. 24	18.6
	Oct. 17	16.0
	Nov. 30	10.8
	Dec. 16	6.5
E-43-G-28 1053.8	Jan. 4	+16.7
	Mar. 6	+24.3
	May 7	+13.9
	July 10	+0.8
	Nov. 27	+5.3
E-44-F-28 1203.6	Jan. 5	101.7
	Mar. 6	96.8
	May 8	97.3
E-45e-F-29 1212.5	Jan. 5	119.2
	Mar. 12	118.0
	May 7	120.3
E-46-G-28 1085.5	Jan. 8	17.4
	Mar. 9	12.9
	May 10	19.4
	July 12	21.1
	Sep. 27	24.5
	Nov. 30	21.0

a Pumping nearby.
Measts. from S.B.W.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
E-49-F-29	Jan. 5		174.8
1269.8	Mar. 6		173.6
	May 7		174.8
	July 11		177.8
	Sep. 26		192.4
	Nov. 28		189.2
E-49d-F-29	Jan. 5		185.3
1282.5	Mar. 6		182.4
	May 7		185.0
	July 11		188.5
	Nov. 27		198.8
E-50a-F-29	Jan. 4		62.9
1150.1	Mar. 6		55.0
	May 7		60.5
	July 10		69.3
	Sep. 25		76.9
	Nov. 27		72.5
E-54-F-29	Mar. 6		291.8
1413.0	May 7		293.6
E-55b-G-29	Mar. 6		166.4
1284.7	May 7		168.8
	Sep. 26		188.8
	Nov. 27		188.0
E-57-G-29	Jan. 4		112.8
1222.2	Mar. 6		110.4
	May 7		113.4
	July 10		116.9
	Sep. 25		123.0
	Nov. 27		126.2
E-59-G-29	Jan. 4		127.2
1239.1	Mar. 6		121.5
	May 7		124.2
	July 10	a	
E-59a-G-30	Jan. 4		143.2
1266.5	Mar. 6		142.1
	May 7		143.9
	July 10		147.4
	Sep. 25		155.4
	Nov. 27		158.6
E-61d-G-30	Feb. 14	b	174.2
1397.4	Mar. 6	b	174.7
	May 8	b	177.9
	Dec. 1	b	193.1
E-62a-G-30	Jan. 4		291.0
1541.6	Mar. 6		291.6
E-67h-I-26	Jan. 13	c	14.4
862.6	Feb. 17	c	13.8
	Mar. 17	c	13.8
	Apr. 14	c	14.6
	May 19	c	14.8
	June 16	c	15.8
	July 14	c	16.9
	Aug. 11	c	18.9
	Sep. 15	c	20.6
	Oct. 13	c	21.8
	Nov. 10	c	21.8
E-74-I-27	Jan. 3	d	54.5
882.6	Feb. 5	d	54.1
	Mar. 13	d	54.0
	Apr. 9	d	54.1
	May 4	d	53.9
	June 8	d	56.8
	Aug. 2	d	62.2
	Oct. 4	d	61.2
	Nov. 16	d	62.6
	Dec. 12	d	61.2
E-74i-I-27	Jan. 3	d	113.9
*	Feb. 5	d	113.2

* R.P. elevation 963.3 through June 8, 1951; then 963.1
a Dry at 127.0 feet.
b Meas. from S.B.V.W.C.D.
c Meas. from owner.
d Meas. from Riverside Water Basin Records.
Measts. from S.B.W.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
E-74i-I-27 Cont.	Apr. 9	a	112.5
	May 4	a	112.6
	June 8	a	113.0
	Aug. 2	a	115.2
	Oct. 4	a	118.8
	Dec. 12	a	120.9
E-75-H-27 921.2	Jan. 13		45.2
	Feb. 17		42.0
	Mar. 17		38.8
	Apr. 14		40.2
	May 19		41.2
	June 16		44.6
	July 14		48.0
	Aug. 11		52.2
	Sep. 15		54.8
	Oct. 13		56.8
	Nov. 10		58.0
E-78-G-27 1094.5	Jan. 29		49.0
	Feb. 28		60.5
	Mar. 29		81.0
	Apr. 27		87.3
	May 29		105.3
	June 29		112.0
	July 30		112.0
	Aug. 29		113.0
	Sep. 28		114.0
	Oct. 29		97.0
	Nov. 29		65.0
	Dec. 28		63.7
E-85-G-27 1054.9	Jan. 9	b	24.3
	Mar. 9	b	26.5
	May 10	b	32.1
	Sep. 28	b	49.0
	Nov. 30	b	37.7
E-90b-H-27 959.6	Jan. 13		21.4
	Mar. 17		14.6
	May 19		17.3
E-90b-H-27 Cont.	July 14		21.3
	Sep. 15		24.8
	Nov. 10		27.1
E-93-G-28 1008.7	Jan. 11	b	+28.9
	Mar. 10	b	+32.9
	May 10	b	+25.4
	July 17	b	+ 1.2
	Oct. 1	b	+ 7.6
	Dec. 1	b	+17.3
	1950		
E-95-H-27 1014.4	July 19	b	96.9
	Sep. 15	b	98.0
	Nov. 7	b	102.6
	1951		
	Jan. 11	b	99.8
	Mar. 10	b	99.0
	Apr. 11	b	99.5
	July 17	c	103.8
	Nov. 14	c	102.9
E-95a-H-27 969.7	Jan. 13		62.5
	Mar. 17		57.7
	May 19		62.7
	July 14		69.2
	Sep. 15		70.8
	Nov. 10		70.7
E-97-G-28 1061.3	Jan. 11	b	49.3
	Mar. 10	b	36.0
	May 10	b	49.6
	Oct. 1	b	55.6
	Dec. 1	b	51.1
E-102s-H-28 1069.7	Jan. 11	b	6.9
	Mar. 10	b	4.0

a Meas. from Riverside Water Basin Records.
b Meas. from S.B.W.D.
c Meas. from S.B.V.W.C.D.
Measts. from owner except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
E-103g-H-28 1132.0	Mar. 13		67.2
E-104-H-28 1310.5	Jan 8		230.2
	Mar. 5		226.1
	May 10		230.1
	July 16		240.0
	Nov. 9		251.6
E-106c-H-29 1163.9	Jan. 8		62.7
	Feb. 16		59.2
	Mar. 7		59.6
	Apr. 12		63.7
	May 9		64.2
	June 15		67.4
	July 16		70.4
	Aug. 8		70.3
	Sep. 7		71.3
	Oct. 4		72.1
	Nov. 14		74.5
	Dec. 3		73.1
E-106f-H-29 1104.9	Jan. 10		74.4
	Feb. 16		72.6
	Mar. 6		70.5
	May 10		84.3
	Oct. 4		87.6
	Nov. 14		90.1
	Dec. 2		89.5
E-107b-H-29 1206.9	Jan. 8		105.1
	Feb. 16		95.0
	Mar. 7		94.8
	Apr. 12	a	107.8
	May 10		102.3
	June 15		115.7
	July 16		118.2
	Aug. 8		120.6
	Sep. 7		123.1
	Oct. 4	a	124.9
	Nov. 19		123.8
	Dec. 13		120.2
E-107d-H-29 1217.8	Jan. 8		78.1
	Mar. 7		78.2
	May 10		78.5
	July 16		81.2
	Sep. 7		83.2
	Nov. 9		83.6
E-109-G-29 1150.2	Jan. 6	b	59.9
	Feb. 3	b	59.7
	Mar. 3	b	58.8
	Mar. 31	b	58.2
	May 5	b	59.5
	June 2	b	61.0
	July 7	b	64.7
	Aug. 4	b	67.5
	Sep. 1	b	69.6
	Sep. 29	b	71.0
	Nov. 3	b	73.4
	Dec. 1	b	74.2
E-110-H-29 1207.2	Jan. 10		68.3
	Feb. 6		65.7
	Mar. 9		69.5
	Apr. 12		70.4
	May 10		71.2
	June 15		72.5
	July 13		73.6
	Aug. 8		74.7
	Sep. 7		75.7
	Oct. 4		76.5
	Nov. 14		77.3
	Dec. 2		77.6
E-111h-H-29 1244.9	Jan. 11		71.1
	Feb. 16		71.1
	Mar. 7		71.6
	Apr. 10		73.2
	May 9		72.8
	June 15		75.6
	Aug. 8	c	

a Pumping nearby.
b Meas. from owner.
c Dry at 76. feet.
Measts. from S.B.V.W.C.D. except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
E-113-G-29	Jan. 10	134.0
1293.1	Feb. 5	133.5
	Mar. 9	126.4
	Apr. 11	128.3
	May 9	129.2
	June 15	132.0
	July 13	134.7
	Aug. 8	137.5
	Sep. 6	140.2
	Oct. 4	142.7
E-114-H-29	Jan. 10	157.2
1322.3	Feb. 15	155.9
	Mar. 9	155.8
	Apr. 10	152.1
	May 9	157.3
	June 14	164.9
	July 13	168.7
	Aug. 8	173.4
	Sep. 6	175.8
	Oct. 4	177.2
	Nov. 14	177.9
	Dec. 2	175.5
E-117-I-30	Jan. 8	81.6
1438.6	Mar. 5	80.1
	May 10	82.1
	Nov. 9	87.4
E-119a-H-30	Feb. 15	218.0
1397.8	Mar. 9	205.1
	Apr. 10 a	
E-120-H-30	Jan. 11	262.1
1523.5	Feb. 15	264.1
	Mar. 5	265.4
	Apr. 10	266.2
	May 8	267.0
	June 13	271.0
	Aug. 8 b	
E-122-I-30	Jan. 8	81.1
1513.3	Mar. 5	81.5
	July 16	82.9
	Sep. 7	84.3
E-123c-H-30	Feb. 15	264.1
1519.7	Mar. 8	263.9
	Dec. 26	280.1
E-124-H-30	Jan. 11	147.7
*1609.5	Mar. 5	136.0
	May 8	144.2
	July 13	161.1
	Sep. 6	170.0
	Nov. 8	175.6
E-127-H-31	Jan. 9	95.7
1907.0	Feb. 15	95.9
	Mar. 8	96.0
	Apr. 10	100.6
	May 9	100.5
	Sep. 5	101.5
	Nov. 8	102.0
	Dec. 1	98.0
E-127a-H-31	July 12	193.3
1724.8		
E-127b-G-31	Mar. 8	233.0
1763.3	May 9	239.8
E-127d-H-31	Jan. 9	84.2
1836.2	July 12	92.6
	Sep. 5	105.6
	Nov. 7	107.6
E-131e-H-32	Feb. 15	51.1
2198.9	Mar. 8	56.2
	May 8	53.7
	July 12	56.1

* New R.P. elev. changed.
a Dry at 208 ft.
b Dry at 280 ft.
Measts. from S.B.V.W.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
E-132-I-31	Apr. 8	a	135.0
2131.8	Nov. 12	a	136.6
E-133-I-31	Apr. 8	a	151.5
2099.0	Nov. 12	a	158.6
E-136-I-32	Apr. 8	a	124.0
2292.6	Nov. 12	a	145.4
E-136c-I-32	Apr. 4	a	188.2
2360.2	Nov. 6	a	206.5
E-136f-I-32	Apr. 4	a	241.6
2424.7			
E-136i-I-32	Apr. 8	a	211.9
2392.6	Nov. 12	a	227.0
E-137-H-32	Apr. 4	a	238.2
2653.5	Nov. 6	a	241.7
E-138-I-32	Nov. 6	a	237.7
2419.8			
E-138f-I-33	Apr. 4	a	387.0
2623.2	Nov. 6	a	389.8
E-139a-H-33	Apr. 4	a	287.5
2816.9	Nov. 6	a	289.7
E-140-H-33	Apr. 4	a	66.0
3107.7			
E-140c-H-33	Nov. 6	a	36.0
3338.3			
E-141-I-33	Apr. 4	a	64.7
2812.6			
E-147b-K-21	Jan. 18		3.2
493.8	Feb. 14		3.3
	Mar. 14		3.4
	Apr. 6		3.1
	Sep. 18		4.8
E-147C-L-21	Jan. 18		5.3
501.8	Feb. 14		4.8
	Mar. 14		4.6
	Apr. 6		4.6
	Sep. 18		7.4
E-149d-K-22	Jan. 19		47.6
570.9	Feb. 15		47.7
	Mar. 20	b	46.7
	Apr. 10	b	46.8
	Sep. 20		47.0
E-149i-K-22	Jan. 5	c	55.8
587.9	Feb. 5	c	55.6
	Mar. 13	c	55.5
	Apr. 9	c	55.8
	May 4	c	55.7
	June 8	c	55.9
	Aug. 2	c	56.3
	Oct. 4	c	56.0
	Nov. 16	c	55.6
	Dec. 11	c	55.4
E-150-K-22	Jan. 5	c	89.9
602.7	Feb. 5	c	89.4
	Mar. 13	c	89.0
	June 8	c	91.0
	Oct. 4	c	90.8
	Nov. 16	c	90.3
	Dec. 11	c	89.7
E-150b-K-22	Jan. 19		51.0
567.6	Feb. 15		49.8
	Mar. 20		49.7
	Apr. 10		51.1
	Sep. 20		53.7
E-151-K-22	Jan. 19		17.0
526.0	Feb. 15		16.3
	Mar. 20		15.5
	Apr. 10		16.0
	Sep. 20		22.0

a Meas. from J. N. Hicks.
b Pumping nearby.
c Meas. from Riverside Water Basin Records
Measts. from O. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
E-151f-K-22	Jan. 19 a	30.6
553.6	Feb. 15 a	30.5
	Mar. 20 a	30.2
	Apr. 10 a	30.4
	Sep. 20 a	32.3
E-153-K-22	Jan. 5	32.5
951.1	Feb. 5	32.1
	Mar. 13	32.0
	Apr. 9	32.7
	May 4	42.6
	June 8	42.5
	Aug. 2	42.9
E-156-K-23	Jan. 5	50.2
640.0	Feb. 5	50.3
	Apr. 9	50.0
	May 4	50.2
	June 8	50.9
	Aug. 2	50.7
	Oct. 4	50.8
	Nov. 16	50.9
	Dec.	50.9
E-159-K-23	Jan. 19 a	50.6
627.3	Feb. 16 a	50.8
	Mar. 20 a	51.0
	Apr. 10 a	51.2
	Sep. 21 a	53.0
	Oct. 3 a	53.2
E-165d-K-24	Feb. 5	15.2
700.1	Mar. 13	14.2
	Apr. 9	16.6
	Oct. 4	20.4
	Nov. 16	19.3
E-172-J-25	Jan. 5	7.6
737.4	Feb. 5	8.0
	Mar. 13	8.0
	Apr. 9	7.4
	May 4	7.3
	June 8	7.1
	Aug. 2	6.8
	Oct. 4	6.6
	Dec. 11	7.1
E-175-K-24	Jan. 5	40.7
757.2	Feb. 5	39.2
	Mar. 13	40.3
	Apr. 9	41.5
	May 4	40.4
	June 8	42.5
	Aug. 2	48.9
	Oct. 4	43.3
	Nov. 16	42.3
	Dec. 11	39.2
E-176-K-24	Jan. 5	52.2
764.2	Feb. 5	51.4
	Mar. 13	51.1
	Apr. 9	53.2
	May 4	53.4
	June 8	54.0
	Aug. 2	55.1
	Oct. 4	54.3
	Nov. 16	53.5
	Dec. 11	53.5
E-178-J-25	Jan. 5	37.6
779.4	Feb. 5	37.6
	Mar. 13	37.6
	Apr. 9	37.4
	May 4	37.6
	June 8	37.7
	Aug. 2	38.1
	Oct. 4	38.0
	Nov. 16	38.2
	Dec. 11	38.2
E-184c-J-25	Jan. 5	61.3
801.5	Feb. 5	61.0
	Mar. 13	60.9
	Apr. 9	61.0
	May 4	60.9
	June 8	61.0
	Aug. 2	61.5
	Oct. 4	62.1
	Nov. 16	62.2
	Dec. 11	62.0
E-185-J-25	Feb. 5	42.0
799.6	Mar. 13	40.5

a Meas. from O. Co. F.C.D.
Meass. from Riverside Water Basin Records except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
E-185-J-25 Cont.	Apr. 9	40.5
	May 4	40.3
	June 8	40.4
	Oct. 4	43.5
	Nov. 16	43.6
	Dec. 11	43.3
E-192-J-26 846.3	Jan. 3	69.0
	Feb. 5	69.4
	Mar. 13	67.5
	Apr. 9	68.2
	May 4	67.5
	June 8	68.1
	Aug. 2	75.5
	Oct. 4	77.5
	Nov. 16	74.6
	Dec. 11	73.1
E-192a-J-26 769.4	Jan. 3	7.0
	Feb. 5	6.4
	Mar. 13	6.5
	Apr. 9	6.0
	May 4	6.0
	June 8	6.4
E-194-K-26 873.0	Jan. 5	107.0
	Feb. 5	106.6
	Mar. 13	106.3
	Apr. 9	106.5
	May 4	106.6
	June 8	106.2
	Aug. 2	106.8
	Oct. 4	107.5
	Nov. 16	106.8
E-196e-J-26 869.4	Jan. 5	90.8
	Feb. 5	88.2
	Mar. 13	82.3
	Apr. 9	82.4
	May 4	82.0
	June 8	83.4
	Aug. 2	91.8
	Oct. 5	92.3
	Nov. 16	89.5
	Dec. 12	88.3
E-201d-I-27 907.7	Jan. 3	81.1
	Feb. 5	80.6
	Mar. 13	80.1
	Apr. 9	80.4
	May 4	80.2
	June 8	81.7
	Aug. 2	84.6
	Oct. 4	86.6
	Nov. 16	85.8
	Dec. 12	85.3
E-201g-J-26 896.2	Jan. 3	106.5
	Feb. 5	105.6
	Mar. 13	103.9
	Apr. 9	103.7
	May 4	104.5
	June 8	104.6
	Aug. 2	112.4
	Oct. 4	113.4
	Nov. 16	112.3
	Dec. 12	110.7
E-202-J-26 941.1	Jan. 3	153.5
	Feb. 5	151.9
	Mar. 13	150.9
	Apr. 9	151.6
	May 4	151.4
	June 8	151.7
	Nov. 6	158.5
	Dec. 2	157.3
E-207a-J-27 998.0	Feb. 5	172.0
	Mar. 13	169.6
	May 4	169.8
	June 8	172.4
	Oct. 4	173.7
	Nov. 16	173.7
	Dec. 12	173.2
E-232e-I-32 2483.9	Apr. 8 a	246.8
E-265-L-21 491.8	Jan. 2 b	10.8
	Feb. 5 b	10.3
	Mar. 5 b	10.3

a Meas. from J. N. Hicks.
b Meas. from O. Co. F.C.D.
Measts. from Riverside Water Basin Records except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
E-265-L-21 Cont.	Apr. 2	10.6
	May 2	10.3
	June 6	10.7
	July 4	10.6
	Aug. 1	11.4
	Sep. 19	11.9
	Oct. 3	11.7
	Dec. 5	11.3
E-267-L-21 494.0	Jan. 17	7.7
	Feb. 14	7.8
	Mar. 14	7.7
	Apr. 6	7.6
	Sep. 18	8.9
E-268b-L-21 512.4	Jan. 17	14.5
	Feb. 14	14.3
	Mar. 14	14.1
	Apr. 6	14.1
	May 23	14.6
	June 26	15.2
	July 16	15.3
	Aug. 22	16.3
	Sep. 18	17.0
	Oct. 11	17.1
	Nov. 19	17.2
	Dec. 27	16.9
E-269a-L-22 527.8	Jan. 17	21.1
E-270-L-21 611.1	Jan. 18	101.2
	Feb. 15	100.8
	Mar. 16	100.7
	Apr. 6	100.8
	Sep. 20	104.0
	Oct. 2	104.0
E-272-L-22 537.1	Jan. 18	25.8
	Feb. 15	25.8
E-272-L-22 Cont.	Mar. 16	33.0
	Apr. 10	33.8
	Sep. 20	41.3
E-273a-L-22 662.2	Jan. 18	143.0
	Feb. 15	140.2
	Apr. 10	152.8
	Oct. 2	158.8
E-274c-L-22 592.2	Jan. 18	74.8
	Feb. 15	73.7
	Mar. 16	73.8
	Apr. 10	73.9
	Sep. 20	81.1
E-276-L-22 677.8	Jan. 6 a	148.5
	Feb. 20 a	146.7
	Mar. 15 a	145.0
	Apr. 12 a	146.8
	May 8 a	147.3
	June 12 a	149.0
	July 12 a	150.1
	Aug. 12 a	152.5
	Oct. 10 a	153.6
	Nov. 14 a	153.5
	Dec. 22 a	152.0
E-277b-M-22 969.9	Jan. 23	129.0
	Feb. 27	125.6
	Apr. 13	131.8
	Sep. 26	138.2
	Oct. 2	137.2
E-282c-L-22 631.5	Jan. 15 a	93.0
	Feb. 16 a	89.4
	Mar. 15 a	100.2
	Apr. 12 ab	99.0
	Dec. 12 a	90.8

a Meas. by owner from O. Co. F.C.D.
b Pumping level.
Measts. from O. Co. F.C.D. except as noted.

Records of Ground Water Levels at Wells

in Antelope Valley

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
5N9W6A 2847.3	Nov. 5	a	52.6
5N9W20A 3166.0	Nov. 8	b	259.5
5N10W6A 2777.	Jan. 30		107.8
	Apr. 19		111.4
	May 15		110.5
	July 2		114.7
	Aug. 6		121.5
	Oct. 2		119.8
	Nov. 6		116.0
	Dec. 11		115.8
5N10W7A 2817.	Apr. 23		149.5
5N10W26A 3155.	Nov. 9	b	57.5
5N11W4A 2695.	Dec. 11		169.0
5N11W9A 2858.	Dec. 11		55.4
5N11W10A 2836.	Jan. 30		103.3
	Feb. 27		103.9
	Apr. 23		103.8
	May 15		104.2
	June 11		104.8
	July 2		105.2
	Aug. 6		104.8
	Oct. 2		105.4
	Nov. 16		105.8
	Dec. 7		106.1
5N11W12B 2834.	Dec. 11		159.6
5N11W12C 2842.	Dec. 11		179.9
5N11W13B 2913.	Dec. 11		243.4
6N8W18A 2725.	Nov. 8	a	160.9
6N8W32A 2955.7	Nov. 8	a	188.1
6N9W29A 2783.	Nov. 13	b	44.6
6N9W31A 2832.	Nov. 5	c	44.1
	Dec. 27	c	43.2
6N9W34A *2857.7	Nov. 15	b	101.9
6N10W9B 2576.3	Nov. 15	a	195.0
6N10W9C 2598.5	Nov. 5	a	151.9
6N10W10A 2614.	Nov. 5	a	76.2
6N10W20A 2637.6	Nov. 5	a	217.3
	Dec. 27	a	212.0
6N10W27A 2677.	Nov. 5	a	154.7
6N11W4A 2481.	Nov. 6	a	215.6
6N11W8G 2512.	Nov. 6	a	215.7
6N11W9A 2505.5	Nov. 6	c	219.8
6N11W12A 2541.	Nov. 6	a	224.7

* New R.P., elev. changed.
a Meas. from U.S.G.S.
b Meas. from D.W.R.
c Meas. by U.S.G.S. from L.A. Co. F.C.D.
Measts. from L.A. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
6N11W12C 2552.	Nov. 6 a	218.3
6N11W18B 2562.	Nov. 6 a	252.4
6N11W20A 2581.	Dec. 6	258.5
6N12W24A 2587.	Jan. 30	267.2
	Feb. 27	266.5
	Apr. 23	268.2
	May 15	272.6
	June 11	274.9
	July 7	275.3
	Aug. 6	276.4
	Sep. 5	277.7
	Oct. 2	278.2
	Nov. 6	276.1
	Dec. 6	276.8
6N13W12A 2607.5	Dec. 11	253.0
7N10W21A 2465.3	Nov. 7 a	183.0
7N10W30A 2488.	Nov. 6 a	217.6
7N10W31A 2506.	Nov. 6 a	224.6
7N11W8A 2383.4	Nov. 6 a	79.5
7N11W16A 2392.	Nov. 6 a	115.0
7N11W19A 2430.	Nov. 6 a	169.1
7N11W23B 2439.	Nov. 6 a	158.8
7N11W24A 2433.	Feb. 28 a	160.0
	Mar. 30 a	160.8
	Apr. 26 a	162.6
	May 28 a	164.2
	June 28 a	165.8
	July 30 a	171.7
	Aug. 29 a	171.5
	Oct. 1 a	172.8
	Oct. 30 a	171.3
	Nov. 28 a	171.6
	Dec. 27 a	169.5
7N11W27A 2450.0	Nov. 6 a	192.8
7N11W28B 2448.7	Nov. 6 a	163.6
7N11W28D 2440.8	Nov. 6 a	193.4
7N12W4B 2312.8	Jan. 30	12.4
	Apr. 18	13.1
	June 11	16.4
	Sep. 17	18.1
	Dec. 3	18.2
7N12W8A 2317.	Dec. 4	31.4
7N12W15C 2348.5	Jan. 31	64.4
	Feb. 27	63.7
	Apr. 19	68.4
	June 11	78.1
	July 2	79.7
	Aug. 6	80.6
	Sep. 5	85.2
	Nov. 24	82.2
7N12W15D 2355.5	Dec. 18	78.9
7N12W22B 2412.	Feb. 27	123.2
	Apr. 23	125.7
	May 15	128.6

a Meas. from U.S.G.S.
Measts. from L.A. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
7N12W22B Cont.	June 11	129.0
	July 2	129.5
	Sep. 5	134.6
7N12W29A 2449.	Dec. 11	166.8
7N13W11A 2354.	Dec. 18	40.4
7N13W11B 2356.	Dec. 6	7.0
7N13W17A 2421.7	Dec. 7	145.2
7N13W21C 2373.	Dec. 11	119.1
7N13W27A 2421.	Dec. 18	172.9
7N13W35A 2443.6	Dec. 18	223.0
7N14W10A 2558.	Jan. 31	200.5
	Apr. 23	201.2
	Nov. 27	215.1
8N9W4B 2305.5	Nov. 7 a	26.8
8N9W4I 2294.	Nov. 7 a	16.8
8N9W6D 2304.	Nov. 7 a	13.5
8N10W2A 2310.	Nov. 7 a	26.6
8N10W19A 2342.5	Nov. 7 a	124.4
8N12W4B 2307.7	Dec. 4	23.6
8N12W20A 2319.	Dec. 4	33.5
8N12W22A 2301.5	Jan. 30	8.1
	Feb. 27	8.4
	Apr. 18	10.1
	May 15	12.0
	June 11	14.0
	July 2	15.6
	Aug. 6	23.8
	Sep. 5	32.0
	Oct. 3	33.8
	Nov. 6	29.9
	Dec. 4	24.6
8N12W22E 2302.	Dec. 4	18.0
8N12W22C 2301.	Dec. 4	20.2
8N12W22D 2301.5	Dec. 4	41.2
8N12W24A 2310.	Nov. 7 a	19.8
8N12W30A 2322.5	Dec. 4	32.4
8N12W30B 2324.	Dec. 4	31.2
8N13W7A 2442.	Dec. 5	146.8
8N13W22A 2385.5	Dec. 6	98.0
8N13W23A 2376.	Dec. 6	93.6

a Meas. from U.S.G.S.
Measts. from L.A. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
8N14W2B 2494.5	Dec. 19	180.2
8N14W12A 2472.	Dec. 19	163.6
8N14W12B 2482.5	Dec. 19	169.1
8N14W14A 2495.	Dec. 19	180.1
8N15W36A 2786.5	Dec. 3	90.6
8N16W5A 2901.	Jan. 30	197.2
	Apr. 18	197.5
	June 11	197.6
	Sep. 18	198.0
	Nov. 27	198.3
9N13W20A 2420.±	Jan. 30	90.2
	Apr. 19	91.1
	June 12	92.8
	Sep. 18	95.2
9N13W35A 2378.1	Dec. 5	87.2
9N14W24A 2493.	Dec. 19	122.7
9N14W24B 2490.±	Dec. 19	133.3

Measts. from L.A. Co. F.C.D.

Records of Ground Water Levels at Wells

in San Jacinto Valley

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
3S4W36A 1495.0	Feb. 5		89.1
3S3W1A 1754.5	Feb. 1		280.
3S3W2A 1810.6	Jan. 9	a	247.9
	Feb. 1		248.6
	May 15	a	247.8
3S3W6A 1620.	Feb. 2		159.5
3S3W6B 1650.5	Jan. 17		184.2
	Mar. 15	b	197.2
	Apr. 24	b	202.5
	May 24	b	208.7
	June 21	b	209.6
	Aug. 31	b	205.6
	Nov. 1		204.5
	Dec. 4	b	204.2
3S3W7B 1591.2	Jan. 17		123.0
	Mar. 15	b	126.8
	Apr. 24		128.2
	May 25		129.3
	June 21		130.4
	July 27		131.1
	Nov. 1		133.1
	Dec. 4		131.9
3S3W8A 1613.4	Feb. 5		144.3
3S3W12A 1601.0	Feb. 1		135.0
3S3W13A 1596.4	Jan. 9	a	128.8
	Feb. 1		134.0
	Mar. 15		134.8
	Apr. 26		133.5
	May 29		140.3
	June 22		143.2

Well Number and R.P. Elev.	Date		Dist. R.P. to water surface, Feet
	1951		
3S3W13A Cont.	July 31		146.6
	Aug. 31		147.4
	Nov. 1		142.7
	Dec. 5		137.9
3S3W15A 1550.2	Feb. 5		106.9
3S3W18A 1555.	Jan. 17		83.9
	Apr. 24		84.5
	July 27		84.9
	Aug. 29		84.5
	Nov. 8		84.5
	Dec. 4		84.5
3S3W19C 1508.4	Feb. 5		56.3
3S3W29A 1496.5	Jan. 17		150.5
	Mar. 15		151.4
	Apr. 29		153.8
	May 21		154.9
	June 21		156.4
	Nov. 8		156.6
	Dec. 4		155.9
3S3W30A 1503.3	Feb. 5		76.0
3S3W30B 1494.0	Feb. 5		128.1
3S3W31A 1479.5	Jan. 9	a	134.9
	Feb. 5		135.5
	May 15	a	134.0
3S3W31B 1472.	Jan. 17		171.0
	Mar. 15		171.8
	May 24		178.3
	July 27		181.6
	Aug. 29		185.8
	Dec. 4		181.8

a Meas. from M.W.D.
b Pumping nearby.
Measts. from Riv. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
3S2W7A 1590.7	Feb. 1		107.2
3S2W8A 1676.5	Jan. 9	a	142.1
	Feb. 2		154.0
3S2W21A 1441.7	Jan. 9	a	13.6
	Feb. 2		13.9
3S2W26A 1460.	Jan. 10	a	51.3
	Feb. 2		46.2
	Mar. 14	a	50.8
	July 18	a	43.5
	Dec. 3	a	44.5
3S2W26B 1428.7	Feb. 2		58.5
3S2W29A 1427.6	Feb. 5		13.5
	Mar. 9		13.4
	May 29		14.0
	June 22		14.6
	July 31		15.2
	Aug. 31		15.5
	Nov. 9		15.6
3S2W34A 1428.1	Feb. 2		31.7
3S2W35A 1429.3	Feb. 2		24.0
	Aug. 7	b	52.5
4S4W1A 1504.7	Feb. 1		46.7
	Aug. 7	b	46.8
	Dec. 20	b	47.6
4S4W12A 1487.3	Jan. 9	a	250.9
	May 15	a	255.0
4S3W3A 1495.	Feb. 5		160.6
4S3W6A 1478.	Feb. 5		226.1
4S3W9A *	Jan. 17		162.6
	Mar. 15		164.2
	Apr. 24		167.4
	June 21		168.0
	Nov. 8		167.5
	Dec. 4		167.4
4S3W10A 1479.	Jan. 9	a	174.4
	Feb. 5		182.8
4S3W18A 1481.3	Jan. 17		131.8
	Mar. 15		136.2
	May 24		137.3
	June 21		128.9
	July 27		129.6
	Aug. 29		130.3
	Nov. 28		122.7
	Dec. 4		121.8
4S3W19A 1477.9	Jan. 17		82.2
	Mar. 15		82.9
	Apr. 24		83.7
	May 24		84.2
	June 21		84.5
	July 27		84.2
	Aug. 29		83.4
	Nov. 8		83.5
	Dec. 4		83.6
4S3W20B 1438.	Feb. 2		206.8
4S3W24A 1437.6	Feb. 6		131.7
4S3W24B 1432.	Jan. 29		113.9
4S3W24C 1442.2	Jan. 9	a	131.0
	Jan. 25		132.0
	Mar. 9		130.7
	May 5	a	134.9
	June 12		137.6
	July 19	a	139.8

* R.P. elev. 1446.4 through June 21, 1951; then 1446.0.
a Meas. from M.W.D.
b Meas. from U.S.G.S.
Measts. from Riv. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
4S3W24C Cont.	July 31		139.0
	Aug. 31		139.0
	Oct. 4	a	139.0
	Nov. [illegible]		138.4
	Dec. [illegible]		138.0
4S3W28A 1414.0	Feb. 6		145.0
4S3W31A 1461.	Feb. 5		45.3
4S3W32A 1434.8	Jan. 9	a	66.7
	Mar. 15		66.9
	Apr. 24		67.1
	May 15	a	67.3
	June 21		67.6
	July 27		67.8
	Aug. 29		67.8
	Nov. 8		68.0
	Dec. 4		68.1
4S3W35A 1424.1	Jan. 9	a	128.5
	July 19	a	134.1
	Oct. 4	a	134.8
4S2W1A 1436.7	Jan. 24		8.4
4S2W3A 1436.4	Jan. 9	a	51.1
	Jan. 25		50.0
	May 15	a	52.2
	July 25	a	53.2
	Oct 3	a	54.2
4S2W6A 1422.	Jan. 25		54.5
	Mar. 9		54.9
	Apr. 26		55.4
	May 29		55.8
	June 22		56.4
	July 31		57.9
	Aug. 31		57.7
	Nov. 9		58.9
	Dec. 5		58.6
4S2W7A 1445.3	Jan. 25		96.2
	Mar. 9		95.7
	Apr. 26		97.6
	May 15	a	97.8
	June 22		98.7
	July 19	a	99.9
	Aug. 1	b	100.7
	Oct. 4	a	100.9
	Dec. 5		100.3
4S2W8B 1457.6	Jan. 29		124.0
4S2W18D 1505.0	Jan. 27		173.6
4S2W19A 1580.	Jan. 29		21.4
	May 29		18.8
4S2W36A 1501.2	Jan. 31		38.0
4S1W15B 1505.	Jan. 10	a	46.8
	Mar. 14	a	45.9
	May 15	a	69.3
	July 18	a	80.7
	Oct. 3	a	81.2
	Dec. 3	a	65.0
4S1W17A 1455.4	Jan. 24	a	7.4
	Mar. 7	a	7.1
	Apr. 25	a	6.7
	June 19	a	7.0
	July 25	a	7.5
	Oct. 3	a	7.6
	Nov. 5	a	7.5
	Dec. 3	a	7.8
4S1W17B 1457.5	Jan. 24	a	5.5
	Mar. 7	a	3.8
	Apr. 25	a	4.5
	June 19	a	4.3

a Meas. from M.W.D.
b Meas. from U.S.G.S.
Measts. from Riv. Co. F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
4S1W17B Cont.	July 25		5.0
	Oct. 3		4.1
	Dec. 3		4.8
4S1W17D 1464.4	Jan. 24		4.1
	Mar. 7		3.2
	Apr. 25		3.8
	June 19		4.8
	July 25		5.8
	Oct. 3		6.2
	Nov. 5		5.3
	Dec. 3		4.5
4S1W18A 1450.9	Jan. 24		9.2
	Mar. 7		10.2
	Apr. 25		10.2
	May 29	a	10.6
	June 22	a	10.2
	July 25		11.1
	Aug. 30	a	11.4
	Oct. 3		11.6
	Nov. 5		11.7
	Dec. 3		11.8
4S1W20A 1478.8	Mar. 14		11.2
	Apr. 25		11.4
	Oct. 3		11.0
	Dec. 3		11.0
4S1W21A 1473.6	Jan. 24		6.0
	Mar. 7		5.4
	Apr. 25		4.9
	June 19		5.6
	July 25		6.2
	Oct. 3		7.1
	Nov. 5		6.6
	Dec. 3		6.3
4S1W21B 1491.2	Jan. 24		9.4
	Mar. 7		9.0
	Apr. 25		9.1
	June 19		9.9
	July 25		10.6
	Oct. 3		11.4
	Nov. 5		11.3
	Dec. 3		10.9
4S1W21C 1489.0	Jan. 24		8.5
4S1W22A 1508.6	Jan. 24		41.5
4S1W22B 1506.0	Jan. 24		10.8
4S1W23A 1551.2	Mar. 14		78.8
	May 15		93.0
	July 18		114.3
	Oct. 3		107.6
	Dec. 3		94.2
4S1W23B 1545.4	Jan. 10		69.4
4S1W25A 1566.	Jan. 10		93.2
	Mar. 14		92.8
	May 15		101.4
	July 18		109.9
	Oct. 3		113.0
	Dec. 3		107.0
4S1W32A 1513.8	Jan. 10		59.0
	Mar. 14		57.7
	May 15		68.1
4S1W35A 1584.1	Dec. 28	b	124.6
4S1W36A 1608.0	Jan. 24		133.6
4S1E31B 1606.9	Jan. 24		126.1
5S3W1A 1530.	Jan. 26	a	25.7
5S3W2A 1525.	Jan. 26	a	30.7
5S3W3A 1426.	Jan. 26	a	148.6

a Meas. from Riv. Co. F.C.D.
b Meas. from D.W.R.
Measts. from M.W.D. except as noted.

Well Number and R.P. Elev.	Date	Dist.R.P. to water surface, Feet
	1951	
5S3W5A 1415.2	Jan. 26	27.3
5S3W5B 1413.5	Jan. 5	140.6
5S3W6A 1444.	Jan. 26	50.2
5S3W6B 1443.	Jan. 26	36.4
5S3W7A 1401.	Jan. 26	20.3
5S3W7B 1423.	Jan. 17	21.0
	Feb. 27	21.1
	Apr. 24	21.6
	May 24	21.8
	June 21	21.4
	July 27	21.6
	Aug. 29	21.6
	Nov. 8	22.1
	Dec. 4	22.2
5S3W8A 1412.4	Jan. 26	134.8
5S3W13A 1774.2	Jan. 30	37.4
5S3W16A 1423.3	Jan. 30	150.9
5S3W17A 1444.4	Jan. 30	154.8
5S3W17B 1444.3	Jan. 30	97.0
5S3W24A 1460.3	Jan. 31	57.5
5S3W24C 1457.6	Jan. 31	63.6
5S3W25A 1447.0	Jan. 31	34.3
5S3W27A 1526.0	Jan. 30	35.7
5S3W33D 1420.1	Jan. 30	77.1
5S3W34C 1417.4	Jan. 31	70.2
5S3W35A 1423.3	Jan. 31	61.6
5S3W36A 1403.9	Jan. 31	54.4
5S3W36C 1424.8	Jan. 31	61.8
5S2W7A 1542.4	Jan. 23 a	183.5
5S2W7B 1531.3	Jan. 23 a	180.0
5S2W12A 1507.5	Jan. 26 a	32.0
5S2W12B 1501.1	Jan. 26 a	43.4
5S2W12C 1526.5	Jan. 26 a	43.7
5S2W17A 1594.	Jan. 23 a	46.0
5S2W22B 1512.9	Jan. 25 a	51.7
5S2W22C 1503.8	Jan. 25 a	46.5

a Meas. from D.W.R.
Measts. from Riv.Co.F.C.D. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
5S2W24A 1495.2	Jan. 26		47.4
5S2W24B 1499.8	Jan. 26		47.6
5S2W24D 1498.	Jan. 25		59.4
5S2W25B *1487.3	Jan. 25		91.5
5S2W27E 1476.9	Jan. 24		41.5
	Apr. 25	a	41.6
	June 21	a	42.2
	July 27	a	42.6
	Aug. 29	a	43.0
	Oct. 4	b	43.7
	Nov. 8	a	43.8
	Dec. 4	a	44.1
5S2W32A 1458.4	Jan. 24		27.5
5S2W32C 1455.0	Jan. 24		26.2
5S2W33A 1460.1	Jan. 24		31.1
5S2W35A 1481.0	Jan. 24		74.9
5S2W35C 1474.8	Jan. 23		62.3
5S2W35D 1471.0	Jan. 23		61.6
5S2W36A 1483.5	Jan. 25		84.4
5S1W2A 1582.4	Jan. 31		113.2
5S1W3A 1546.6	Jan. 30		64.9
5S1W3C 1549.6	Jan. 30		84.7
	Mar. 14	b	84.0
	May 15	b	91.3
	July 18	b	96.0
	Oct. 3	b	101.9
	Dec. 3	b	95.6
5S1W4A 1538.8	Jan. 30		84.8
5S1W4C 1510.9	Jan. 30		54.4
5S1W4D 1538.0	Jan. 30		89.2
5S1W5A 1519.3	Jan. 30		43.7
5S1W5B 1528.2	Jan. 30		78.8
5S1W5C 1536.8	Jan. 30		103.6
	Dec. 3	b	112.8
5S1W7A 1505.	Jan. 26		30.2
5S1W7B 1510.7	Jan. 26		37.9
5S1W9A 1542.0	Jan. 10	b	101.0
	Feb. 2		98.1
	Mar. 9	a	97.8
	Apr. 25	a	120.1
	May 25	a	125.4
	June 21	a	126.7
	July 18	b	129.4
	Aug. 30	a	126.0
	Oct. 3	b	122.4
	Dec. 5	a	105.1

* New elev., R.P. changed.
a Meas. from Riv. Co. F.C.D.
b Meas. from M.W.D.
Measts. from D.W.R. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
5S1W10A 1583.4	Feb. 1		134.3
5S1W10B 1578.	Jan. 24	a	130.4
	Feb. 2		129.6
	Mar. 9	a	129.5
	Nov. 8	a	149.3
	Dec. 5	a	140.0
5S1W11A 1638.2	Feb. 2		203.8
5S1W16C 1559.8	Feb. 1		117.7
5S1W16E 1577.	Feb. 1		128.1
5S1W18A 1511.5	Feb. 2		81.9
5S1W18C 1512.	Feb. 2		79.8
5S1W19C 1512.3	Feb. 2		59.5
5S1W20A 1528.7	Feb. 1		95.5
	Mar. 8	a	92.6
	May 24	a	117.3
	June 21	a	116.7
	July 27	a	116.7
	Aug. 29	a	118.4
	Dec. 4	a	106.9
5S1W20D 1527.	Feb. 1		82.6
5S1W27A 1592.	Feb. 1		43.6
5S1W28A 1568.7	Feb. 1		29.9
5S1W30A 1501.	Jan. 25		104.2
5S1W30C 1507.	Feb. 1		60.4
5S1W34B 1672.	Jan. 17	a	69.6
	Feb. 1		69.8
	Mar. 8	a	70.2
	Apr. 25	a	70.8
	May 25	a	71.1
	June 21	a	70.0
	July 27	a	70.8
	Aug. 30	a	72.4
	Nov. 8	a	73.3
	Dec. 4	a	73.3
5S1E5A 1663.7	Jan. 24	b	79.1
5S1E6A 1650.5	Jan. 22		158.6
5S1E6B 1657.1	Jan. 22	b	159.6
5S1E7A *1726.3	Jan. 23	a	223.8
	Dec. 5	a	239.3
5S1E9D 1759.8	Jan. 24	a	73.9
	Mar. 2	a	73.8
	Apr. 26	a	73.0
	May 26	a	73.7
	June 21	a	73.1
	July 30	a	73.9
	Aug. 30	a	73.7
	Nov. 9	a	74.8
	Dec. 5	a	74.8
5S1E14A 1890.	Jan. 22	b	192.7
	Mar. 2	a	174.6
	Apr. 26	a	193.2
	Dec. 20	a	200.0
5S1E17A 1774.1	Jan. 22	b	262.7
5S1E19A 1803.2	Jan. 22	b	276.0

* New elev., R.P. changed.
a Meas. from Riv.Co.F.C.D.
b Meas. from M.W.D.
c Pumping nearby.
Measts. from D.W.R. except as noted.

Well Number and R.P. Elev.	Date		Dist.R.P. to water surface, Feet
	1951		
5S1E20A 1863.8	Mar. 2		306.4
5S1E20C 1903.8	Jan. 22	a	300.8
6S3W2B 1425.5	Jan. 21		52.8
6S3W3A 1428.3	Jan. 17		66.3
	Apr. 25		68.6
	June 21		68.2
	July 27		71.4
	Aug. 29		72.4
	Nov. 8		73.2
	Dec. 4		73.7
6S3W4A 1438.3	Jan. 17		65.7
	Apr. 24		66.9
	Aug. 7	b	68.0
	Dec. 20	b	71.3
6S3W12A 1429.5	Jan. 31		63.2
6S3W23A 1514.	Jan. 17		17.7
	Apr. 25		19.1
	June 21		18.5
	July 27		19.4
	Aug. 29		18.8
6S2W5A 1441.	Jan. 26	c	72.0
6S2W6B 1438.5	Apr. 25		78.1
	Dec. 4		79.4
6S1W10A 1710.	Feb. 1	c	75.4

a Meas. from M.W.D.
b Meas. from U.S.G.S.
c Meas. from D.W.R.
Measts. from Riv. Co. F.C.D. except as noted.

CHAPTER IV. PRECIPITATION RECORDS

Monthly records of precipitation for ten United States Weather Bureau stations and annual records for approximately 260 other stations in the area are presented herewith.

MONTHLY PRECIPITATION RECORDS
FROM U. S. WEATHER BUREAU

Season and Month	413 Long Beach	2754F Los Angeles	3290 Claremont	4142A Sierra Madre	4832A San Fernando
1950-51					
July	T	0.01	0.01	0	T
Aug.	0	0	0	0	0
Sept.	0.25	0.38	T	0.63	0.45
Oct.	0.06	0.24	0.14	0.70	0.44
Nov.	0.86	1.05	1.94	2.01	1.77
Dec.	0.08	0.03	0.02	0.02	0.19
Jan.	2.30	2.80	3.32	4.13	3.38
Feb.	1.75	1.48	1.18	1.48	0.83
Mar.	0.83	0.44	0.56	0.79	0.72
Apr.	1.80	1.54	1.89	3.53	2.16
May	0.01	0.24	0.18	0.30	0
June	0.01	T	0	0.01	0
TOTAL	7.95	8.21	9.24	12.97	10.66

	14552 Santa Ana	15933 Corona	17004 Riverside	17417 Beaumont	18826 San Bernardino (near)
1950-51					
July	0	0	0	0.25	0
Aug.	0	0	0	0	0
Sept.	0.03	T	0.03	0	0
Oct.	T	0	0	T	0.03
Nov.	2.95	---	1.11	2.03	1.79
Dec.	0.14	0.05	0.03	0.03	0
Jan.	2.38	2.18	1.45	1.94	3.16
Feb.	0.88	0.86	0.64	1.13	0.81
Mar.	0.78	0.65	0.48	0.82	0.61
Apr.	1.75	1.20	---	2.48	1.73
May	0.05	0.46	0.29	0.66	1.22
June	0	0	0	0	0
TOTAL	8.96	5.40	4.03	9.34	9.35

T - Less than 0.01 inch.

PRECIPITATION RECORDS FOR SEASON 1950-51
(Season - July 1 to June 30)

Station	Map Index	Elevation	Precipitation in inches	Source of Information
185	O-6	125	5.42	L.A. Co. F.C.D.
210	N-7	300	5.72	L.A. Co. F.C.D.
327	P-9	10	7.66	U.S.W.B. (San Pedro)
331	N-9	30	8.41	L.A. Co. F.C.D.
401	N-10	40	7.71	L.A. Co. F.C.D.
403	O-10	30	7.49	L.A. Co. F.C.D.
403A	O-10	30	7.35	L.A. Co. F.C.D.
413	O-10	40	7.95	U.S.W.B. (Long Beach)
452	N-11	15	6.91	L.A. Co. F.C.D.
453	O-11	15	5-50	L.A. Co. F.C.D.
485	O-12	25	5.48	O. Co. F.C.D.
587	P-14	15	6.39	O. Co. F.C.D.
596	O-14	25	6.24	O. Co. F.C.D.
715	M-7	50	6.82	L.A. Co. F.C.D.
864	M-10	195	8.76	L.A. Co. F.C.D.
985	M-12	45	7.11	L.A. Co. F.C.D.
1014	M-12	50	7.17	L.A. Co. F.C.D.
1030	L-13	85	8.58	L.A. Co. F.C.D.
1081	L-14	90	8.10	L.A. Co. F.C.D.
1099	N-14	60	7.82	O. Co. F.C.D.
1137	M-15	105	7.95	O. Co. F.C.D.
1187	M-16	155	8.01	O. Co. F.C.D.
1199	N-16	140	7.97	O. Co. F.C.D.
1241	I-5	10	7.08	L.A. Co. F.C.D.
1288	K-6	135	6.34	L.A. Co. F.C.D.
1343	J-7	120	7.50	L.A. Co. F.C.D.
1444	J-9	120	8.30	L.A. Co. F.C.D.
1482	J-10	165	8.33	L.A. Co. F.C.D.
1502	J-10	145	8.19	L.A. Co. F.C.D.
1546	K-11	105	8.55	L.A. Co. F.C.D.
1552	J-11	140	8.21	L.A. Co. F.C.D.
1565	K-12	120	8.19	L.A. Co. F.C.D.
1604	J-12	140	7.88	L.A. Co. F.C.D.
1661	J-13	365	8.30	L.A. Co. F.C.D.
1700	I-14	860	9.74	L.A. Co. F.C.D.
1706	K-14	250	8.92	L.A. Co. F.C.D.
1750	I-15	465	8.62	L.A. Co. F.C.D.
1757	K-15	285	8.18	O. Co. F.C.D.
1774	J-15	635	10.47	L.A. Co. F.C.D.
1786	K-16	475	8.15	O. Co. F.C.D.
1853	J-17	710	9.12	L.A. Co. F.C.D.
1862	J-17	765	10.34	L.A. Co. F.C.D.
1901	I-18	975	7.48	O. Co. F.C.D.
1906	K-18	850	10.14	O. Co. F.C.D.
1933	J-19	1150	7.85	O. Co. F.C.D.

PRECIPITATION RECORDS FOR SEASON 1950-51
(Season - July 1 to June 30)

Station	Map Index	Elevation	Precipitation in inches	Source of Information
2401	G-3	745	12.68	L.A. Co. F.C.D.
2445	H-3	95	6.71*	L.A. Co. F.C.D.
2508A	I-5	88	7.56	U.S.W.B. (Santa Monica)
2511	G-5	1025	10.97	L.A. Co. F.C.D.
2544	H-5	340	9.16	L.A. Co. F.C.D.
2551	G-6	540	10.09	L.A. Co. F.C.D.
2555	H-5	230	8.92	L.A. Co. F.C.D.
2592	H-6	255	8.84	L.A. Co. F.C.D.
2607	I-7	100	7.53	L.A. Co. F.C.D.
2643	H-7	175	8.61	L.A. Co. F.C.D.
2686	H-8	200	8.18	L.A. Co. F.C.D.
2754	H-9	285	7.84	L.A. Co. F.C.D.
2754F	H-9	312	8.21	U.S.W.B. (Los Angeles)
2755	H-9	260	7.94	L.A. Co. F.C.D.
2870	G-12	485	9.92	L.A. Co. F.C.D.
2875	H-12	375	8.69*	L.A. Co. F.C.D.
2915	H-12	320	8.25	L.A. Co. F.C.D.
2962	G-13	285	8.79	L.A. Co. F.C.D.
3009	I-14	600	7.87	L.A. Co. F.C.D.
3053	H-15	360	9.31	L.A. Co. F.C.D.
3094	H-16	470	9.57	L.A. Co. F.C.D.
3121	G-16	575	9.84	L.A. Co. F.C.D.
3123	H-16	630	9.03	L.A. Co. F.C.D.
3149A	I-17	530	9.83	L.A. Co. F.C.D.
3155	H-17	770	9.60	L.A. Co. F.C.D.
3160	G-17	805	11.16	L.A. Co. F.C.D.
3190	G-18	1030	8.46	L.A. Co. F.C.D.
3244	H-19	860	8.34	L.A. Co. F.C.D.
3256	I-19	780	8.78	L.A. Co. F.C.D.
3280	G-19	1165	9.67	L.A. Co. F.C.D.
3290	G-20	1195	9.24	U.S.W.B. (Claremont)
3602	E-3	875	7.42	L.A. Co. F.C.D.
3706	F-5	1400	8.44	L.A. Co. F.C.D.
3742	E-5	695	7.27	L.A.D. of W.& P.
3749	G-5	725	10.85	L.A. Co. F.C.D.
3786	F-6	1175	10.19	L.A. Co. F.C.D.
3810	E-7	730	6.26	L.A. Co. F.C.D.
3834	F-7	595	8.66	L.A. Co. F.C.D.
3868	F-8	750	9.15	L.A. Co. F.C.D.
3891	E-8	620	7.74	L.A. Co. F.C.D.
3894	F-8	470	8.61	L.A. Co. F.C.D.
3897	F-8	1025	9.53	L.A. Co. F.C.D.
3906	F-8	1400	10.12	L.A. Co. F.C.D.
3907	F-8	1400	9.89	L.A. Co. F.C.D.
3917	G-9	750	9.63	L.A. Co. F.C.D.

* Partially estimated by comparison with nearby stations.

PRECIPITATION RECORDS FOR SEASON 1950-51
(Season - July 1 to June 30)

Station	Map Index	Elevation	Precipitation in inches	Source of Information
3921A	E-9	1300	9.10	L.A. Co. F.C.D.
3934	F-9	530	8.93	L.A. Co. F.C.D.
3939	G-9	455	8.41	L.A. Co. F.C.D.
3943	E-9	620	9.01	L.A. Co. F.C.D.
4001	E-10	1335	11.01	L.A. Co. F.C.D.
4010	E-10	1155	10.95	L.A. Co. F.C.D.
4023	E-11	1040	11.35	L.A. Co. F.C.D.
4028	G-11	620	10.13	L.A. Co. F.C.D.
4048	G-11	690	9.45	L.A. Co. F.C.D.
4061	E-11	1125	11.72	L.A. Co. F.C.D.
4073	F-12	985	12.18	L.A. Co. F.C.D.
4076	F-12	750	11.39*	L.A. Co. F.C.D.
4087	F-12	670	11.68	L.A. Co. F.C.D.
4092	E-12	1055	12.02	L.A. Co. F.C.D.
4110	E-12	2515	13.30	L.A. Co. F.C.D.
4111	E-12	1385	13.16*	L.A. Co. F.C.D.
4135	F-13	630	11.63	L.A. Co. F.C.D.
4142A	E-13	1120	12.97	L.A. Co. F.C.D.
4152	E-13	1100	13.44	L.A. Co. F.C.D.
4153	E-13	985	13.42	L.A. Co. F.C.D.
4154	F-13	660	12.61	L.A. Co. F.C.D.
4163	F-13	700	11.72	L.A. Co. F.C.D.
4164	F-13	610	11.65	L.A. Co. F.C.D.
4171A	E-14	1440	14.29	L.A. Co. F.C.D.
4195	F-14	600	11.45	L.A. Co. F.C.D.
4212	E-14	1375	15.06	L.A. Co. F.C.D.
4230	E-15	2725	17.63	L.A. Co. F.C.D.
4231	E-15	2300	15.58	L.A. Co. F.C.D.
4285	F-16	675	11.52	L.A. Co. F.C.D.
4293	E-16	800	12.85	L.A. Co. F.C.D.
4294	F-16	750	12.60	U.S.W.B. (San Gabriel Power House)
4296	F-16	600	10.78	L.A. Co. F.C.D.
4296A	F-16	605	10.55	U.S.W.B. (Azusa)
4306	F-16	615	10.83	L.A. Co. F.C.D.
4309	G-16	545	8.61	L.A. Co. F.C.D.
4331	E-16	1210	13.12	L.A. Co. F.C.D.
4336	F-17	785	10.11	L.A. Co. F.C.D.
4346	F-17	820	10.91	L.A. Co. F.C.D.
4354	F-17	1200	13.09	L.A. Co. F.C.D.
4383	E-18	1575	13.53	L.A. Co. F.C.D.
4386	F-17	965	11.23	L.A. Co. F.C.D.
4399	G-18	960	9.48	L.A. Co. F.C.D.
4407	F-18	1110	16.79	L.A. Co. F.C.D.
4407A	G-18	1080	9.41	L.A. Co. F.C.D.

* Partially estimated by comparison with nearby stations.

PRECIPITATION RECORDS FOR SEASON 1950-51
(Season - July to June 30)

Station	Map Index	Elevation	Precipitation in inches	Source of Information
4424	F-18	1350	11.65	L.A. Co. F.C.D.
4433	E-18	1500	11.01*	L.A. Co. F.C.D.
4444	F-19	1680	11.31	L.A. Co. F.C.D.
4457	F-19	1435	15.33	L.A. Co. F.C.D.
4517	G-20	1525	9.88	L.A. Co. F.C.D.
4522	E-20	2500	11.91	U.S.W.B. (Mouth of San Antonio Canyon)
4545	F-21	1785	10.34	U.S.W.B. (Upland)
4566	F-21	1605	8.80	Liberty Groves Operating Corporation
4687	D-2	900	9.12	L.A. Co. F.C.D.
4694	C-2	965	10.14	L.A. Co. F.C.D.
4747	D-4	900	8.65	L.A. Co. F.C.D.
4811	C-5	1150	11.45	L.A. Co. F.C.D.
4832	C-5	950	10.66	L.A. Co. F.C.D.
4837	D-5	815	8.23	L.A. Co. F.C.D.
4864	C-6	945	9.11	L.A. Co. F.C.D.
4894	C-6	955	9.43	L.A. Co. F.C.D.
4946	D-7	1000	7.86	L.A. Co. F.C.D.
5076	D-10	2325	13.69	L.A. Co. F.C.D.
5109	E-10	1280	11.48	L.A. Co. F.C.D.
5115	D-11	1820	13.72	L.A. Co. F.C.D.
5127	D-11	1490	11.97	U.S.W.B. (Arroyo Seco)
5139	E-11	1180	11.30	L.A. Co. F.C.D.
5144	C-11	2980	11.58*	L.A. Co. F.C.D.
5204	C-12	4230	16.93	U.S.W.B. (Opid's Camp)
5247	D-13	5675	14.76	L.A. Co. F.C.D.
5267	D-13	3225	17.56	L.A. Co. F.C.D.
5269	D-13	2600	18.00	L.A. Co. F.C.D.
5446	D-17	1500	10.83	L.A. Co. F.C.D.
5549	D-19	2700	11.48	L.A. Co. F.C.D.
5646	D-21	4320	11.91	U.S.W.B. (Camp Baldy)
5861	A-4	1245	7.20	L.A. Co. F.C.D.
5908	B-5	1225	11.95	L.A. Co. F.C.D.
5922	A-5	1480	9.33	L.A. Co. F.C.D.
5928	B-5	1250	11.61	L.A. Co. F.C.D.
5988	B-6	1455	11.90*	L.A. Co. F.C.D.
6005	B-7	1700	12.04	L.A. Co. F.C.D.
6289A	B-12	3625	10.34	L.A. Co. F.C.D.
6355	A-13	4300	8.97	U.S.W.B. (Alder Creek)
6558A	B-17	5735	15.21	L.A. Co. F.C.D.
6569	B-17	4650	12.18	L.A. Co. F.C.D.
6702	A-20	6860	11.80	L.A. Co. F.C.D.
6711	A-20	7500	6.48	L.A. Co. F.C.D.
7017	A-3	1095	5.43	L.A. Co. F.C.D.

* Partially estimated by comparison with nearby stations.

PRECIPITATION RECORDS FOR SEASON 1950-51

(Season - July 1 to June 30)

Station	Map Index	Elevation	Precipitation in inches	Source of Information
13193	Q-14	35	6.38	O. Co. F.C.D.
13301	Q-16	35	5.23	O. Co. F.C.D.
13309	R-16	10	8.22	U.S.W.B. (Newport Beach)
13363	Q-17	65	5.26	O. Co. F.C.D.
13402	Q-18	100	5.00	O. Co. F.C.D.
13406	R-18	300	7.16	O. Co. F.C.D.
13432	Q-19	190	6.12	O. Co. F.C.D.
13480	P-19	445	7.82	O. Co. F.C.D.
13484	Q-19	350	4.83	O. Co. F.C.D.
13499	R-20	375	7.19	O. Co. F.C.D.
13633	Q-22	1100	10.28	O. Co. F.C.D.
13864	Q-27	1270	4.46	U.S.W.B. (Elsinore)
13902	Q-28	1390	4.07	Temescal Water Company
14451	N-15	100	7.36	O. Co. F.C.D.
14535	O-17	130	7.55	O. Co. F.C.D.
14549	P-17	55	6.33	O. Co. F.C.D.
14552	O-17	205	8.96	U.S.W.B.(Santa Ana)
14586	O-17	120	6.76	O. Co. F.C.D.
14617	P-18	120	6.46	U.S.W.B. (Tustin, near)
14649	P-19	245	6.44	O. Co. F.C.D.
14673	O-19	1000	8.63	O. Co. F.C.D.
14765	O-21	1500	10.24	O. Co. F.C.D.
14835	O-22	2000	15.18	O. Co. F.C.D.
14902	N-24	1100	6.48	Temescal Water Co.
15420	N-34	1550	7.27	U.S.W.B. (San Jacinto)
15602	L-16	195	9.00	O. Co. F.C.D.
15614	L-16	195	8.05	O. Co. F.C.D.
15623	L-16	225	8.82	O. Co. F.C.D.
15678	M-17	295	7.70	O. Co. F.C.D.
15679	N-17	285	8.37	O. Co. F.C.D.
15681	L-18	385	8.21	U.S.W.B. (Yorba Linda)
15860	L-21	480	8.03	O. Co. F.C.D.
15903	L-22	840	7.15	Corona Foothill Lemon Co.
15925	M-22	1055	7.10	Corona Foothill Lemon Co.
15926	M-22	1250	8.23	Corona Foothill Lemon Co.
15932	L-22	700	7.30	Temescal Water Co.
15955	M-23	1050	6.82	American Fruit Growers Assn.
16050	L-25	925	3.91	San Jacinto Land Co.
16240	L-28	1475	4.67	U.S. Army Air Corps
16710	I-20	670	7.94	Southern Calif. Edison co.,Ltd.
16801	J-22	655	5.47	John Imbach
16845	K-22	660	6.38	Capt. C. Gully
17062	J-27	1040	6.05	Riverside Citrus Experiment Station

PRECIPITATION RECORDS FOR SEASON 1950-51
(Season - July 1 to June 30)

Station	Map Index	Elevation	Precipitation in inches	Source of Information
17342	J-32	2220	7.52	Moreno Mutual Water Co.
17417	K-34	2580	9.34	U.S.W.B. (Beaumont)
17421	J-34	3045	12.33	U.S.W.B. (Beaumont, near)
17608	I-20	710	8.35	American Beet Sugar Co.
17613	H-20	985	8.48	West Ontario Citrus Assn.
17630	G-20	1230	10.51	Mr. Jordan
17653	H-21	1010	8.76	Southern Pacific Company
17674	H-21	930	14.79	Braundale Acres
17703	H-22	975	7.12	Guasti Wine Co.
17860	G-25	1270	8.94	Fontana Farms Co.
17973	H-27	975	7.11	Southern Pacific Co.
17973A	H-27	980	7.14	Colton Police Department
17984	H-27	950	6.79	Southern Calif. Edison Co., Ltd.
18082	H-29	1220	6.15	Crown Jewel Groves
18114	H-30	1360	5.76	U.S.W.B. (Redlands)
18125	H-30	1470	7.85	D.S.C. Anderson
18194	H-31	2000	9.92	F. B. King
18260	G-32	2965	12.06	U.S.W.B. (Mill Creek No. 2)
18351	G-34	5100	15.41*	Southern Calif. Edison Co., Ltd.
18514	F-22	1845	10.83	Victor Cherbak
18529A	G-22	1215	8.57	Garrett & Co., Inc.
18586	F-23	1425	10.61	W. F. Barnes
18642	F-25	1875	12.93	U.S.W.B. (Bennett Ranch)
18679	G-25	1320	9.64*	U.S.W.B. (Fontana)
18704	F-26	1590	10.88	So. Calif. Edison Co. Ltd.
18782	E-27	1415	10.82	San Bernardino Water Dept.
18809A	G-28	1030	8.52	San Bernardino Water Dept.
18826	F-28	1170	9.35	U.S.W.B. (San Bernardino, near)
18886	F-28	1345	10.21	Mrs. E. E. Corwin
18906	F-29	1435	10.47	Thomas A. Ewing
18928	G-30	1365	9.23	Gold Buckle Association
18937	G-30	1515	10.20	East Highlands Orange Co.
18999	G-31	2060	11.12	So. Calif. Edison Co. Ltd.
19045	F-32	2765	11.73	U.S.W.B. (Santa Ana River)
19161	E-35	5000	12.52	U.S.W.B. (Seven Oaks)
19449	E-25	2260	18.89	Fontana Union Water Co.
19459	E-25	2250	17.73	U.S.W.B. (Lytle Creek)
19569	E-27	1900	13.53	San Bernardino Water Dept.
19656	D-28	5700	20.80	U.S.W.B. (Squirrel Inn No. 2)
19723	C-30	6250	20.00	Lake Arrowhead Company
19799	E-31	6230	20.17	California State Division of Highways
19915	D-34	6800	20.85	U.S.W.B. (Big Bear Lake Dam)

* Partially estimated by comparison with nearby stations.

LEGEND

- ● WELLS AT WHICH WATER LEVEL FLUCTUATIONS ARE SHOWN
- ——— WATER POLLUTION CONTROL REGION BOUNDARY
- (8-8 | 8-7) GROUND WATER BASIN
- — -·- — GROUND WATER SUB-BASIN BOUNDARY
- 4 GROUND WATER POLLUTION CONTROL REGION NUMBER
- 4-1 GROUND WATER BASIN NUMBER
- 4-1.01 GROUND WATER SUB-BASIN NUMBER
- ——— COUNTY BOUNDARY
- (66) U S HIGHWAY

LOS ANGELES REGION NO. 4, GROUND WATER BASINS

4- 1 Upper Ojai Valley
4- 2 Ojai Valley
4- 3 Ventura River Valley
4- 4 Santa Clara River Valley
  4-4.01 Oxnard Plain Basin
  4-4.02 Oxnard Forebay Basin
4- 5 Acton Valley
4- 6 Pleasant Valley
4- 7 Arroyo Santa Rosa Valley
4- 8 Las Posas Valley
4- 9 Simi Valley
4-10 Conejo Valley
4-11 Coastal Plain, Los Angeles County
  4-11.02 West Coast Basin
  4-11.03 Central Coastal Plain Pressure Area
  4-11.05 Montebello Forebay Area
4-12 San Fernando Valley
  4-12.01 San Fernando Basin
4-13 San Gabriel Valley
  4-13.01 Main San Gabriel Basin
  4-13.03 Pasadena Sub-area
  4-13.04 Santa Anita Sub-area
4-14 Upper Santa Ana Valley, Los Angeles County

LAHONTAN REGION NO. 6, GROUND WATER BASINS

6-44 Antelope Valley

SANTA ANA REGION NO. 8, GROUND WATER BASINS

8- 1 Coastal Plain, Orange County
  8-1.01 East Coastal Plain Pressure Area
  8-1.02 Santa Ana Forebay Area
8- 2 Upper Santa Ana Valley
  8-2.01 Chino Basin
  8-2.06 Bunker Hill Basin
8- 3 Cajalco Valley
8- 4 Elsinore Basin
8- 5 San Jacinto Basin
8- 6 Hemet Lake Valley
8- 7 Big Meadows Valley
8- 8 Seven Oaks Valley
8- 9 Bear Valley

SAN DIEGO REGION NO. 9, GROUND WATER BASINS

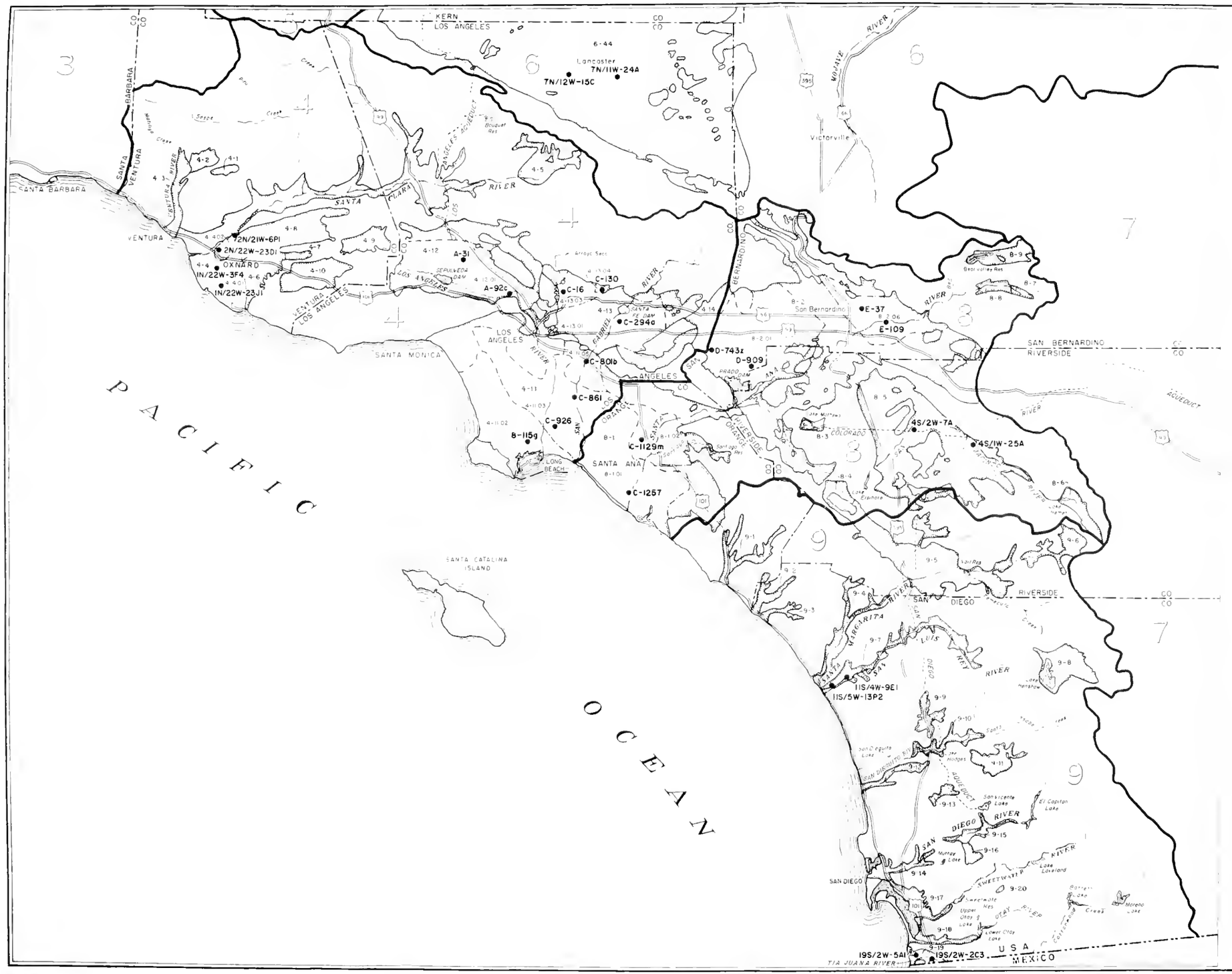
9- 1 San Juan Valley
9- 2 San Mateo Valley
9- 3 San Onofre Valley
9- 4 Santa Margarita Valley
9- 5 Temecula Valley
9- 6 Coahuila Valley
9- 7 San Luis Rey Valley
9- 8 Warner Valley
9- 9 Escondido Valley
9-10 San Pasqual Valley
9-11 Santa Maria Valley
9-12 San Dieguito Valley
9-13 Poway Valley
9-14 Mission Valley
9-15 San Diego River Valley
9-16 El Cajon Valley
9-17 Sweetwater Valley
9-18 Otay Valley
9-19 Tia Juana Basin
9-20 Jamul Valley

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
SOUTHERN CALIFORNIA AREA INVESTIGATION

LOCATION OF WELLS AT WHICH WATER LEVEL FLUCTUATIONS ARE SHOWN

1951

SCALE OF MILES
10 0 10 20



LEGEND

- WELLS AT WHICH WATER LEVEL FLUCTUATIONS ARE SHOWN
- WATER POLLUTION CONTROL REGION BOUNDARY
- 8-8 | 8-7 GROUND WATER BASIN
- GROUND WATER SUB-BASIN BOUNDARY
- 4 WATER POLLUTION CONTROL REGION NUMBER
- 4-1 GROUND WATER BASIN NUMBER
- 4-1.01 GROUND WATER SUB-BASIN NUMBER
- COUNTY BOUNDARY
- 66 U S HIGHWAY

LOS ANGELES REGION NO. 4, GROUND WATER BASINS

- 4-1 Upper Ojai Valley
- 4-2 Ojai Valley
- 4-3 Ventura River Valley
- 4-4 Santa Clara River Valley
  - 4-4.01 Oxnard Plain Basin
  - 4-4.02 Oxnard Forebay Basin
- 4-5 Acton Valley
- 4-6 Pleasant Valley
- 4-7 Arroyo Santa Rosa Valley
- 4-8 Las Posas Valley
- 4-9 Simi Valley
- 4-10 Conejo Valley
- 4-11 Coastal Plain, Los Angeles County
  - 4-11.02 West Coast Basin
  - 4-11.03 Central Coastal Plain Pressure Area
  - 4-11.04 Montebello Forebay Area
- 4-12 San Fernando Valley
  - 4-12.01 San Fernando Basin
- 4-13 San Gabriel Valley
  - 4-13.01 Main San Gabriel Basin
  - 4-13.02 Pasadena Sub-area
  - 4-13.04 Santa Anita Sub-area
- 4-14 Upper Santa Ana Valley, Los Angeles County

LAHONTAN REGION NO. 6, GROUND WATER BASINS

- 6-44 Antelope Valley

SANTA ANA REGION NO. 8, GROUND WATER BASINS

- 8-1 Coastal Plain, Orange County
  - 8-1.01 East Coastal Plain Pressure Area
  - 8-1.02 Santa Ana Forebay Area
- 8-2 Upper Santa Ana Valley
  - 8-2.01 Chino Basin
  - 8-2.06 Bunker Hill Basin
- 8-3 Bajada Valley
- 8-4 Elsinore Basin
- 8-5 San Jacinto Basin
- 8-6 Hemet Lake Valley
- 8-7 Big Meadows Valley
- 8-8 Seven Oaks Valley
- 8-9 Bear Valley

SAN DIEGO REGION NO. 9, GROUND WATER BASINS

- 9-1 San Juan Valley
- 9-2 San Mateo Valley
- 9-3 San Onofre Valley
- 9-4 Santa Margarita Valley
- 9-5 Temecula Valley
- 9-6 Pendelton Valley
- 9-7 San Luis Rey Valley
- 9-8 Warner Valley
- 9-9 Escondido Valley
- 9-10 San Pasqual Valley
- 9-11 Santa Maria Valley
- 9-12 San Dieguito Valley
- 9-13 Poway Valley
- 9-14 Mission Valley
- 9-15 San Diego River Valley
- 9-16 El Cajon Valley
- 9-17 Sweetwater Valley
- 9-18 Otay Valley
- 9-19 Tia Juana Basin
- 9-20 Jamul Valley

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
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SOUTHERN CALIFORNIA AREA INVESTIGATION

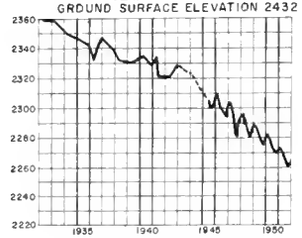
LOCATION OF WELLS AT WHICH WATER LEVEL FLUCTUATIONS ARE SHOWN

1951

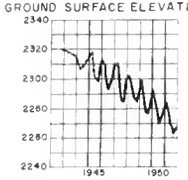
SCALE OF MILES
10 0 10 20

ELEVATION OF WATER LEVELS AT KEY WELLS IN FEET — U. S. G. S. DATUM

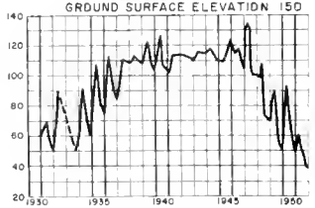
ANTELOPE VALLEY
WELL 7N/11W-24A
GROUND SURFACE ELEVATION 2432



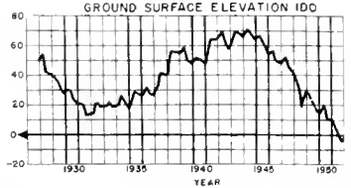
ANTELOPE VALLEY
WELL 7N/12W-15C
GROUND SURFACE ELEVATION 2348



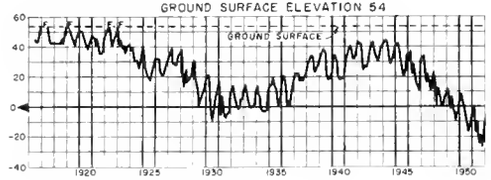
SANTA CLARA RIVER VALLEY
OXNARD FOREBAY BASIN
WELL 2N/21W-6P1
GROUND SURFACE ELEVATION 150



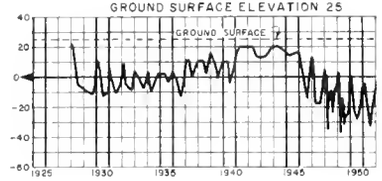
OXNARD FOREBAY BASIN
WELL 2N/22W-23D1
GROUND SURFACE ELEVATION 100



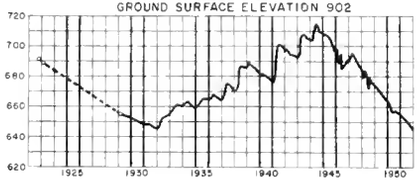
OXNARD PLAIN BASIN
WELL 1N/22W-3F4
GROUND SURFACE ELEVATION 54



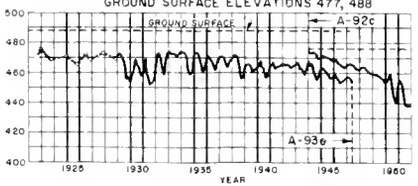
OXNARD PLAIN BASIN
WELL 1N/22W-23J1
GROUND SURFACE ELEVATION 25



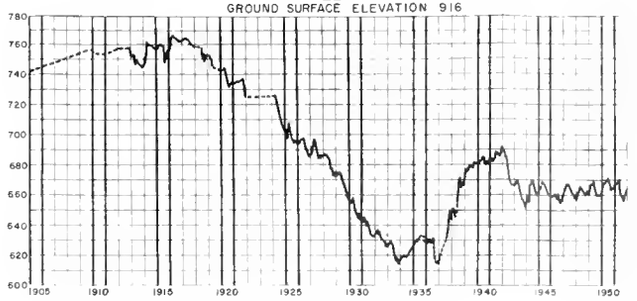
SAN FERNANDO VALLEY
SAN FERNANDO BASIN
WELL A-31
GROUND SURFACE ELEVATION 902



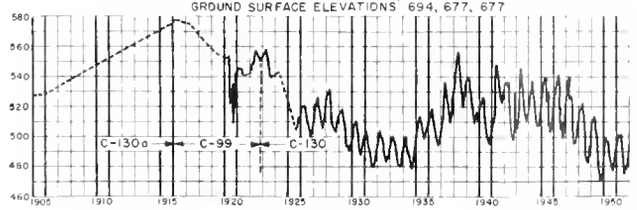
SAN FERNANDO BASIN
WELLS A-92c, 93e
GROUND SURFACE ELEVATIONS 477, 488



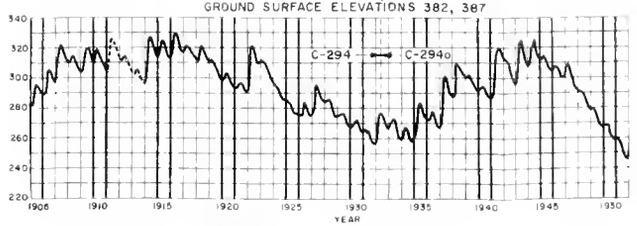
SAN GABRIEL VALLEY
RAYMOND BASIN AREA, PASADENA SUBAREA
WELL C-16
GROUND SURFACE ELEVATION 916



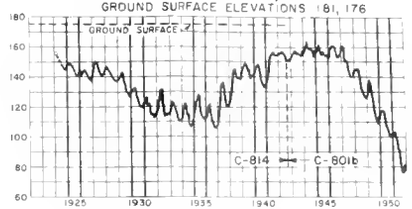
RAYMOND BASIN AREA, SANTA ANITA SUBAREA
WELLS C-99, 130, 130a
GROUND SURFACE ELEVATIONS 694, 677, 677



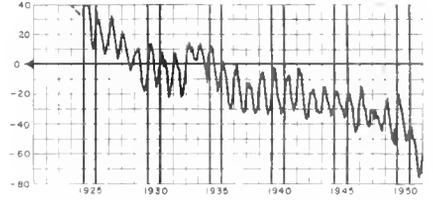
MAIN SAN GABRIEL BASIN
WELLS C-294, 294a
GROUND SURFACE ELEVATIONS 382, 387



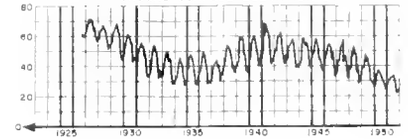
COASTAL PLAIN, LOS ANGELES COUNTY
MONTEBELLO FOREBAY AREA
WELLS C-801b, 814
GROUND SURFACE ELEVATIONS 181, 176



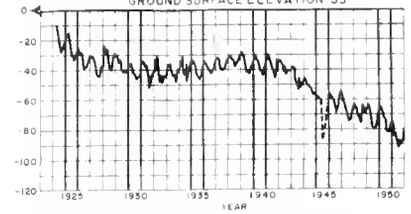
CENTRAL COASTAL PLAIN PRESSURE AREA
WELL C-926
GROUND SURFACE ELEVATION 68



CENTRAL COASTAL PLAIN PRESSURE AREA
WELL C-861
GROUND SURFACE ELEVATION 84



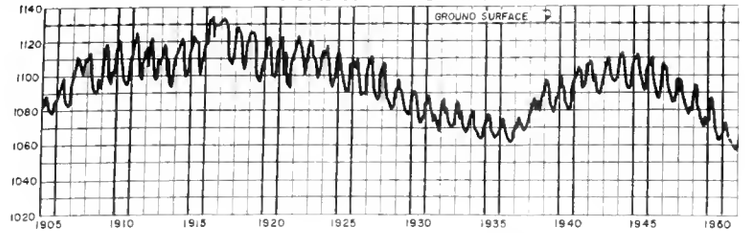
WEST COAST BASIN
WELL B-115g
GROUND SURFACE ELEVATION 35



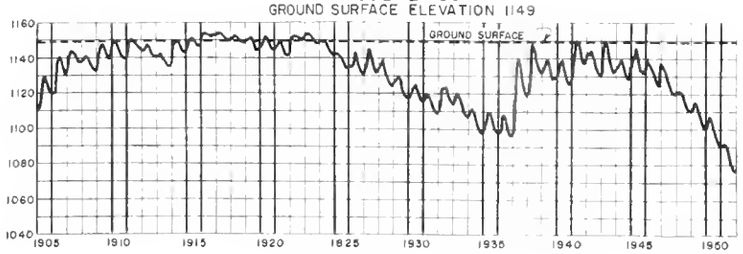
FLUCTUATION OF WATER LEVELS
AT
KEY WELLS

(F) INDICATES PERIOD DURING WHICH WELL FLOWED

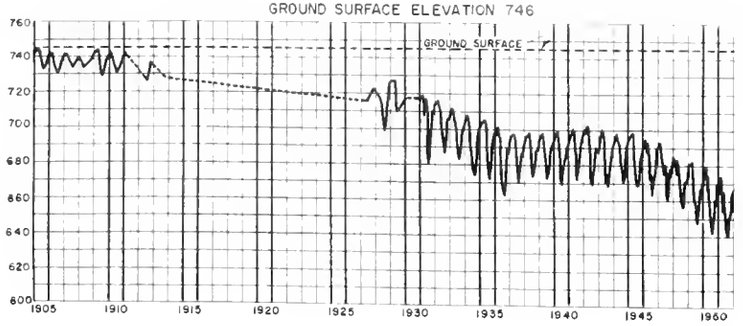
UPPER SANTA ANA VALLEY
BUNKER HILL BASIN
WELL E-37
GROUND SURFACE ELEVATION 1130



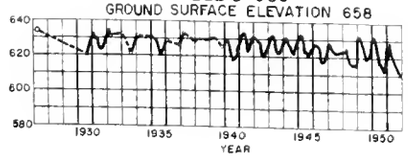
BUNKER HILL BASIN
WELL E-109
GROUND SURFACE ELEVATION 1149



CHINO BASIN
WELL D-743z
GROUND SURFACE ELEVATION 746

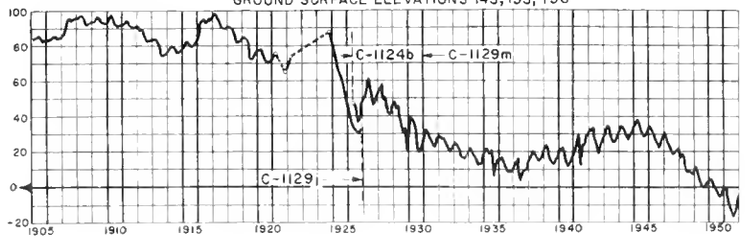


CHINO BASIN
WELL D-909
GROUND SURFACE ELEVATION 658

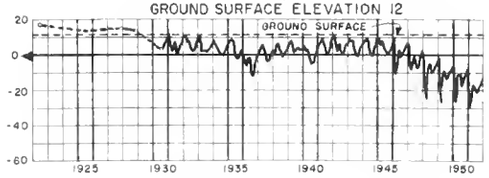


ELEVATION OF WATER LEVELS AT KEY WELLS IN FEET — U. S. G. S. DATUM

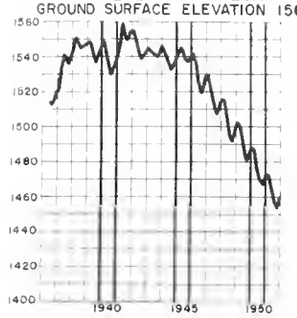
COASTAL PLAIN, ORANGE COUNTY
SANTA ANA FOREBAY AREA
WELLS C-1124b, 1129j, 1129m
GROUND SURFACE ELEVATIONS 145, 135, 136



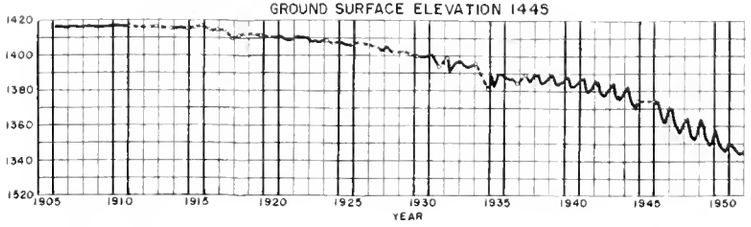
EAST COASTAL PLAIN PRESSURE AREA
WELL C-1257
GROUND SURFACE ELEVATION 12



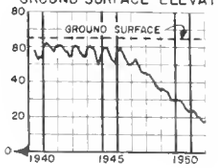
SAN JACINTO VALLEY
SAN JACINTO BASIN
WELL 4S/1W-25A
GROUND SURFACE ELEVATION 1566



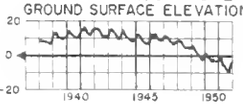
SAN JACINTO BASIN
WELL 4S/2W-7A
GROUND SURFACE ELEVATION 1445



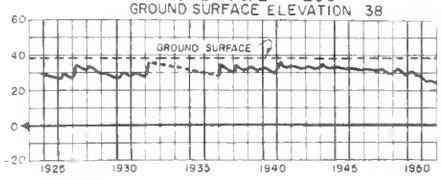
SAN LUIS REY VALLEY
WELL 11S/4W-9E1
GROUND SURFACE ELEVATION 65



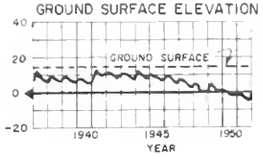
SAN LUIS REY VALLEY
WELL 11S/5W-13P2
GROUND SURFACE ELEVATION 21



TIA JUANA BASIN
WELL 19S/2W-2C3
GROUND SURFACE ELEVATION 38



TIA JUANA BASIN
WELL 19S/2W-5A1
GROUND SURFACE ELEVATION 15



FLUCTUATION OF WATER LEVELS
AT
KEY WELLS